

PROJECTS LIST
NORTH CAROLINA BOARD OF TRANSPORTATION
RALEIGH, NORTH CAROLINA
September 3 - 4, 2014

Delegated Authority Secretary Tata

- (Item C) Award of Highway Construction Contracts from August 19 and August 26, 2014 Lettings
- (Item D) Award of Contracts to Private Firms for Engineering Services
- (Item E) Funds for Secondary Road Improvement Projects – Highway Fund and Highway Trust Fund
- (Item H) Funds for Division-wide Small Construction, Statewide Contingency, Economic Development, Public Access and Senate Bill 1005 Discretionary
- (Item L) Funds for Specific Spot Safety Improvement Projects

Action Chairman Curran

- (Item G) Additions and Abandonments to State Secondary Road System
- (Item I) Public Transportation Program
 - (Item I-1) Public Transportation
 - (Item I-2) Rail Program
 - (Item I-3) Bicycle and Pedestrian
 - (Item I-4) Aviation
- (Item J) Specific State Funds for Construction Projects
- (Item K) Strategic Transportation Investments Funding and Specific North Carolina Trust Funds
- (Item M) Funds for Specific Federal-Aid Projects
- (Item N) Revisions to the 2012-2020 STIP
- (Item O) Municipal and Special Agreements
- (Item P) Municipal Street System Changes
- (Item R) Right of Way Resolutions and Ordinances
- (Item S) Maintenance Allocations
- (Item T) Submission of Comprehensive Transportation Plans for Mutual Adoption by the Board of Transportation

NCDOT Board of Transportation Agenda

ITEM C

AUGUST 2014

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award the following highway construction projects.

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
AUGUST, 2014
DIVISION 00005

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C203602
5CR.10351.15, 5CR.10921.53
STATE FUNDED
FRANKLIN, WAKE
08/26/2014

PROPOSAL LENGTH 15.160 MILES
TYPE OF WORK MILLING, RESURFACING & SHOULDER GRADING.
LOCATION US-401 FROM N OF SR-2225(LOUISBURY RD) IN WAKE COUNTY TO FOX PARK ROAD IN FRANKLIN COUNTY.

EST CONST PROGRESS.... FY-2015..88% OF BID
FY-2016..12% OF BID

RPN 001 4 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 4.00%
ESTIMATE 2,530,378.51

DATE AVAILABLE MAR 16 2015
FINAL COMPLETION JUL 31 2015

	\$ TOTALS	% DIFF
CAROLINA SUNROCK LLC RALEIGH, NC	2,262,271.79	-10.6
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,422,195.53	-4.3
S. T. WOOTEN CORPORATION WILSON, NC	2,438,088.63	-3.6
THE LANE CONSTRUCTION CORP CHESHIRE, CT	2,500,052.15	-1.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203603
5CR.10731.14, 5CR.20731.14
STATE FUNDED
PERSON
08/26/2014

PROPOSAL LENGTH 30.030 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER RECONSTRUCTION.

LOCATION 1 SECTION EACH OF NC-57, US-501 & US-158, 2 SECTIONS OF NC-49 AND 6 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..95% OF BID
FY-2016..05% OF BID

RPN 002 5 BIDDER(S) MBE GOAL 3.00 % WBE GOAL 3.00%
ESTIMATE 5,649,863.65

DATE AVAILABLE OCT 27 2014

FINAL COMPLETION JUL 31 2015

	\$ TOTALS	% DIFF
ADAMS CONSTRUCTION COMPANY ROANOKE, VA	5,241,333.05	-7.2
CAROLINA SUNROCK LLC RALEIGH, NC	5,313,839.25	-5.9
S. T. WOOTEN CORPORATION WILSON, NC	6,142,836.31	+8.7
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	6,401,456.26	+13.3
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	7,029,550.96	+24.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203398
34817.3.S8
STATE FUNDED
CUMBERLAND
U-2519CB
08/19/2014

PROPOSAL LENGTH 6.725 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.
LOCATION FAYETTEVILLE OUTER LOOP FROM SOUTH OF SR-1400 (CLIFFDALE RD) TO EAST OF SR-1007 (ALL AMERICAN FREEWAY).

EST CONST PROGRESS.... FY-2015..27% OF BID
FY-2016..31% OF BID
FY-2017..23% OF BID
FY-2018..16% OF BID
FY-2019..03% OF BID

RPN 001 9 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 128,222,146.94

DATE AVAILABLE SEP 29 2014
INTER COMPLETION OCT 01 2018 COMPLETE ALL WORK EXCEPT PLANTING/REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 29 2019

	\$ TOTALS	% DIFF
CONTI ENTERPRISES, INC EDISON, NJ	125,477,521.00	-2.1
DRAGADOS USA INC NEW YORK, NY	125,988,770.32	-1.7
BALFOUR BEATTY INFRASTRUCTURE INC ATLANTA, GA	135,890,404.33	+6.0
VECELLIO & GROGAN INC BECKLEY, WV	136,279,345.88	+6.3
S. T. WOOTEN CORPORATION WILSON, NC	137,485,325.28	+7.2
W. C. ENGLISH, INC. LYNCHBURG, VA	142,470,995.52	+11.1
BARNHILL CONTRACTING COMPANY TARBORO, NC	143,867,868.52	+12.2
FLATIRON CONSTRUCTORS INC FIRESTONE, CO	143,923,141.88	+12.2
EUTAW CONSTRUCTION COMPANY, INC. ABERDEEN, MS	158,232,106.28	+23.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203459
42258.3.FR1
BRSTP-0210(19)
BLADEN
B-5117
08/19/2014

PROPOSAL LENGTH 0.388 MILES
TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.
LOCATION BRIDGE #47 OVER LAKE CREEK ON NC-210.

EST CONST PROGRESS.... FY-2015..100% OF BID

RPN 002 6 BIDDER(S) DBE GOAL 10.00 %
ESTIMATE 1,719,771.52

DATE AVAILABLE SEP 29 2014
INTER COMPLETION JUN 15 2015 COMPLETE ALL WORK REQUIRED EXCEPT REFORESTATION/ PLANTING &
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION DEC 11 2015

	\$ TOTALS	% DIFF
S & C CONSTRUCTION LLC GARLAND, NC	1,737,271.67	+1.0
DELLINGER, INC. MONROE, NC	1,793,438.25	+4.3
S. T. WOOTEN CORPORATION WILSON, NC	1,818,192.90	+5.7
DANE CONSTRUCTION, INC. MOORESVILLE, NC	1,848,582.76	+7.5
T. A. LOVING COMPANY GOLDSBORO, NC	1,855,880.88	+7.9
PALMETTO INFRASTRUCTURE INC GREENVILLE, SC	1,957,843.89	+13.8

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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RALEIGH N.C.
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C203608
8CR.10761.24, 8CR.20761.24
STATE FUNDED
RANDOLPH
08/26/2014

PROPOSAL LENGTH 27.481 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER CONST & RECONST.

LOCATION US-64 FROM END OF ALBEMARLE RD RAMP TO NORTHERN MOST NISSAN DRIVEWAY & 22
SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..100% OF BID

RPN 003 6 BIDDER(S) MBE GOAL 2.00 % WBE GOAL 2.00%
ESTIMATE 5,228,469.65

DATE AVAILABLE OCT 27 2014

FINAL COMPLETION JUN 24 2015

	\$ TOTALS	% DIFF
APAC - ATLANTIC, INC. THOMPSON ARTHUR DIVISION GREENSBORO, NC	4,717,441.25	-9.8
LARCO CONSTRUCTION A DIVISION OF BRANSCOME INC WINSTON SALEM,	5,224,745.37	-0.1
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,406,272.30	+3.4
SHARPE BROTHERS A DIV OF VECELLIO & GROGAN, INC. GREENSBORO, N	5,430,319.86	+3.9
BLYTHE CONSTRUCTION, INC. CHARLOTTE, NC	5,556,391.45	+6.3
RILEY PAVING INC CARTHAGE, NC	6,036,672.68	+15.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203596
12CR.10021.12, 12CR.20021.18
STATE FUNDED
ALEXANDER
08/19/2014

PROPOSAL LENGTH 9.310 MILES
TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION NC-16 FROM NC-90 TO SR-1400 AND 5 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..91% OF BID
FY-2016..09% OF BID

RPN 003 3 BIDDER(S) MBE GOAL 4.00 % WBE GOAL 4.00%
ESTIMATE 1,550,638.22

DATE AVAILABLE SEP 29 2014
FINAL COMPLETION SEP 01 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	1,410,251.40	-9.1
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	1,436,984.19	-7.3
MIDSTATE CONTRACTORS, INC. HICKORY, NC	1,481,974.75	-4.4

HIGHWAY LETTING
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C203597
12CR.10181.15, 12CR.20181.21
STATE FUNDED
CATAWBA
08/19/2014

PROPOSAL LENGTH 29.840 MILES
TYPE OF WORK MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
LOCATION US-321 FROM SR-1005 TO BRIDGE #324 & 325 AND 11 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..100% OF BID

RPN 004 3 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 5,500,871.75

DATE AVAILABLE SEP 29 2014
INTER COMPLETION NOV 01 2014 COMPLETE ALL WORK REQUIRED FOR MAP 7
FINAL COMPLETION JUN 15 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	5,283,386.71	-4.0
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	5,393,034.07	-2.0
MIDSTATE CONTRACTORS, INC. HICKORY, NC	5,414,267.70	-1.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203586
12CR.10491.17, 12CR.20491.18
STATE FUNDED
IREDELL
08/19/2014

PROPOSAL LENGTH 46.086 MILES
TYPE OF WORK WIDENING, MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.
LOCATION NC-901 FROM NC-115 TO DAVIE COUNTY, US-21 FROM S OF SR-1312 TO END OF WIDENING,
AND 31 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..81% OF BID
FY-2016..19% OF BID

RPN 005 2 BIDDER(S) MBE GOAL 5.00 % WBE GOAL 5.00%
ESTIMATE 6,083,067.20

DATE AVAILABLE SEP 29 2014
FINAL COMPLETION OCT 30 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	6,081,722.69	+0.0
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	6,547,021.00	+7.6

HIGHWAY LETTING
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C203605
13CR.10121.13, 13CR.20121.13
STATE FUNDED
BURKE
08/26/2014

PROPOSAL LENGTH 14.360 MILES

TYPE OF WORK MILLING, SHOULDER RECONSTR, & RESURFACING.

LOCATION US-64 BUS FROM US-64 BUS TO US-64, NC-181 FROM NC-181 TO SR-1414 AND 13 SECTIONS
OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..64% OF BID
FY-2016..36% OF BID

RPN 004 2 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 2.00%
ESTIMATE 2,479,256.38

DATE AVAILABLE MAR 15 2015

FINAL COMPLETION OCT 15 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	2,373,364.23	-4.3
J. T. RUSSELL & SONS, INC. ALBEMARLE, NC	2,457,317.14	-0.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203607
13CR.10591.15, 13CR.20591.14
STATE FUNDED
MCDOWELL
08/26/2014

PROPOSAL LENGTH 11.730 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION US-221 FROM END OF 4-LANE TO SR-1586, NC-80 FROM US-70 TO 1.4 MILES N OF SR-1434 &
8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..64% OF BID
FY-2016..36% OF BID

RPN 005 1 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 2.00%
ESTIMATE 2,104,273.81

DATE AVAILABLE MAR 15 2015

FINAL COMPLETION OCT 15 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	2,019,689.99	-4.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203606
13CR.10611.15, 13CR.20611.13
STATE FUNDED
MITCHELL
08/26/2014

PROPOSAL LENGTH 6.130 MILES
TYPE OF WORK RESURFACING & SHOULDER RECONSTRUCTION.
LOCATION US-19 EAST FROM SR-1271 TO EAST OF SR-1143 AND 2 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..64% OF BID
FY-2016..36% OF BID

RPN 006 2 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 2.00%
ESTIMATE 1,835,412.06

DATE AVAILABLE MAR 15 2015
FINAL COMPLETION OCT 15 2015

	\$ TOTALS	% DIFF
MAYMEAD, INC. MOUNTAIN CITY, TN	1,626,290.95	-11.4
ROGERS GROUP, INC. NASHVILLE, TN	1,642,937.55	-10.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
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C203604
13CR.10811.13, 13CR.20811.15
STATE FUNDED
RUTHERFORD
08/26/2014

PROPOSAL LENGTH 19.590 MILES
TYPE OF WORK RESURFACING & SHOULDER RECONSTRUCTION.
LOCATION US-64 FROM SR-1521 TO MCDOWELL CO LINE & 9 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2015..64% OF BID
FY-2016..36% OF BID

RPN 007 2 BIDDER(S) MBE GOAL 1.00 % WBE GOAL 2.00%
ESTIMATE 3,046,850.68

DATE AVAILABLE MAR 15 2015
FINAL COMPLETION OCT 15 2015

	\$ TOTALS	% DIFF
HARRISON CONSTRUCTION COMPANY DIVISION OF APAC-ATLANTIC INC KN	2,697,108.16	-11.5
ROGERS GROUP, INC. NASHVILLE, TN	2,771,544.97	-9.0

ESTIMATE TOTAL	165,951,000.37	
LETTING TOTAL	160,927,652.89	-3.0

NCDOT September 2014 Board of Transportation Agenda

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

Professional Services Management

Preconstruction

Roadway Design

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to prepare design plans for the projects listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 2

Project:	38426.1.2 (B-4598) Pamlico County Replace Bridge 16 over a Fork of the Bay River on SR 1324
Scope of Work:	Roadway and Hydraulic Design, Utility Coordination, and Utility Design
Estimated Construction Cost:	\$550,000.00
Firm:	TGS Engineers, Inc., Raleigh, NC
Maximum Engineering Fee:	\$ 82,757.10
SPSF Utilization:	100%

DIVISION 5

Project:	42263.1.1 (B-5121) and 46031.1.1 (B-5317) Wake County Bridge No. 227 over Peace Street on US 70/US 401/NC 50 and Bridge No. 213 over US 401 on US 70/NC 50
Scope of Work:	Roadway and Hydraulic Design, Erosion/Sediment Design and Traffic Control Plans
Estimated Construction Cost:	\$5,100,000.00 (B-5121) \$6,300,000.00 (B-5317)
Firm:	Kimley Horn and Associates, Raleigh, NC
Maximum Engineering Fee:	\$513,030.07
DBE/WBE/SPSF Utilization:	Wetherill Engineering \$81,138.89 16%

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 10

Project: 34749.1.1 (U-0209B) Mecklenburg County
US 74 (Independence Boulevard) from NC
24/27 (Albemarle Road) to east of Wallace Lane
in Charlotte

Scope of Work: Roadway and Hydraulic Design, Traffic Control
Plans, Utility Coordination, and Pavement
Marking Plans Coordination and Design

Estimated Construction Cost: \$55,100,000.00

Firm: URS Corporation – North Carolina, Morrisville,
NC

Original Engineering Fee: \$580,244.04

Previous Supplemental Fee: \$443,699.14

Supplemental Fee: \$ 24,816.17

Supplemental Work: Revise Roadway and Hydraulic Design, Utility
Coordination, and Pavement Marking Plans to
include revisions to the plans for new
development

SPSF Utilization: Utility Coordination Consultants, Inc. \$9,298.48
37%

DBE/WBE/SPSF Utilization: Wetherill Engineering \$1,841.82
7%

DIVISION 11

Project: 34518.1.4 (R-2915C) Ashe County
US 221 from north of South Fork New River to
south of NC 194

Scope of Work: Roadway, and Hydraulic Design, and Traffic
Management Plan

Estimated Construction Cost: \$46,200,000.0

Firm: H. W. Lochner, Inc., Raleigh, NC

Original Engineering Fee: \$353,647.55

Previous Supplemental Fee: \$55,190.49

Supplemental Fee: \$33,020.82

Supplemental Work: Roadway design to include a new retaining
wall and to add expressway gutter; hydraulic
design for supplemental field surveys and
additional culvert analysis; and traffic control
for additional studies for RCBC replacement, -
Y- line access studies, rock embankment
undercut study, revising phase five, and
additional overviews and details.

SPSF Utilization: 0%

DIVISION 12

Project: 34497.1.2 (R-2707B) Cleveland County
US 74 (Shelby Bypass) from east of SR 1315
(Plato Lee Road) to east of NC 226

Scope of Work: Roadway and Hydraulic Design

Estimated Construction Cost: \$35,400,000.00

Firm: HNTB North Carolina, PC, Raleigh, NC

Original Engineering Fee: \$183,424.54

Previous Supplemental Fee: \$ 92,358.92

September 4, 2014

Supplemental Fee:	\$ 3,610.73
Supplemental Work:	Revise roadway design for the addition of an access road for the Duke Power Transmission Lines
SPSF Utilization:	0%

Project Development and Environmental Analysis – Human Environment

The following are supplemental contracts to previous contracts approved by the Board with the same engineering firms. These supplemental contracts were necessary due to approved additional work that was unknown at the inception and is required of the firms to complete the projects. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Limited English Proficiency Limited Services
Firm:	MM/I and Associates, LLC, Raleigh, NC
Original Engineering Fee:	\$100,000.00
Supplemental Fee:	\$ 40,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	Limited English Proficiency Limited Services
Firm:	Neighborhood Solutions, Winston Salem, NC
Original Engineering Fee:	\$150,000.00
Supplemental Fee:	\$100,000.00
DBE/MBE/SPSF Utilization:	100%

Description of Work:	Limited English Proficiency Limited Services
Firm:	Spanish Speaking, Winston Salem, NC
Original Engineering Fee:	\$150,000.00
Supplemental Fee:	\$150,000.00
SPSF Utilization:	0%

DIVISION 9

Project:	34872.1.1 (U-2827B) Forsyth County US 158/US 421/NC 150/Business 40 from west of Fourth Street to east of Church Street in Winston Salem
Supplemental Work:	Public involvement, public relations and public information services associated with the proposed pavement rehabilitation and safety improvements
Estimated Construction Cost:	\$59,300,000.00
Firm:	Atkins North America, Inc., Charlotte, NC
Original Maximum Engineering Fee:	\$4,300,000.00
Previous Supplemental Fee:	\$1,950,000.00
Supplemental Fee:	\$1,500,000.00
DBE/MBE/SPSF Utilization:	Neighborhood Solutions \$600,000.00 40%

Project Development and Environmental Analysis – Project Planning

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms to prepare planning documents for the projects listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

DIVISION 5

Project:	47027.1.1 (U-5307) Wake County US 1 from I-540 to south of NC 98 Bypass (Wake Forest Bypass)
Scope of Work:	Preparation of Environmental Documents, Natural Systems Surveys, Public Involvement, Community Impact Assessments and Preliminary Roadway Design
Estimated Construction Cost:	\$205,500,000.00
Firm:	RS&H Architects-Engineers-Planners, Inc., Raleigh, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	The Catena Group \$50,000.00 5%
DBE/WBE/SPSF Utilization:	Anne Morris and Associates \$20,000.00 2%

DIVISION 10

Project:	46298.1.S1 and 46299.1.S1 (U-5712/U-5714) Mecklenburg County NC 160 (West Boulevard), SR 5901 (Billy Graham Parkway Intersection and SR 5901 (Billy Graham Parkway), Morris Field Drive Intersection in Charlotte
Scope of Work:	Preparation of Environmental Documents, Natural Systems Surveys, Public Involvement, Community Impact Assessments and Preliminary Roadway Design
Estimated Construction Cost:	\$15,850,000.00
Firm:	Parsons Brinckerhoff, Inc. Raleigh, NC
Maximum Engineering Fee:	\$ 1,100,000.00
SPSF Utilization:	Axiom Environmental, Inc. \$110,000.00 10%
SPSF Utilization:	The Catena Group \$55,000.00 5%
DBE/WBE/SPSF Utilization:	Chipley Consulting \$22,000.00 2%

DIVISION 12

Project:	38974.1.FS2 (U-2567) Cleveland County Intersection of US 74 and NC 150 (Dekalb Street) in Shelby
Scope of Work:	Preparation of Environmental Documents, Natural Systems Surveys, Public Involvement, Community Impact Assessments and Preliminary Roadway Design
Estimated Construction Cost:	\$11,300,000.00

September 4, 2014

Firm:	CDM Smith, Inc., Raleigh, NC
Maximum Engineering Fee:	\$700,000.00
SPSF Utilization:	The Catena Group \$70,000.00 10%
SPSF Utilization:	Sungate Design Group \$70,000.00 10%
DBE/WBE/SPSF Utilization:	Three Oaks Engineering \$105,000.00 15%

Field Support

Structures Management

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 5

Project:	34915.1.1 (U-3308) Durham County NC 55 (Alston Ave.) from NC 147 (I.L. "Buck" Dean Freeway) to north of US 70 Business – NC 98 (Holloway St.) in Durham
Scope of Work:	Bridge Design, Railroad Trackwork, Temporary Detour and Railroad Special Provisions for Railroad Underpass Bridges on CSX Transportation and NSRR over NC 55
Estimated Construction Cost:	\$30,900,000.00
Firm:	STV/Ralph Whitehead Associates, Inc. Charlotte, NC
Original Engineering Fee:	\$380,618.84
Previous Supplemental Fee:	\$120,670.92
Supplemental Fee:	\$ 25,565.25
Supplemental Work:	Additional Structural Engineering
SPSF Utilization:	0%

Construction

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Construction Engineering and Inspection on an as needed basis for various federal-aid and state funded projects to support the Construction Unit. These contracts will expire two years after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. These are for information only.

STATEWIDE

Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Campo & Associates, Kannapolis, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	DRMP, Inc., Charlotte, NC
Maximum Engineering Fee:	\$10,000,000.00
DBE/MBE/SPSF Utilization:	Bree & Associates \$2,000,000.00 20%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	ICA Engineering, Inc., Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	KCI Associates of North Carolina, Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	The Louis Berger Group, Inc., Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
DBE/MBE/SPSF Utilization:	A1 Consulting Group \$500,000.00 5%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Michael Baker Engineering, Inc., Greensboro, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	Infrastructure Consulting & Engineering of Carolinas, PLLC \$1,500,000.00 15%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Mulkey Engineers and Consultants, Charlotte, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%

Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Rummel, Klepper, and Kahl, Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	RS&H Architects-Engineers-Planners, Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	Stewart Engineering \$1,000,000.00 10%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	S&ME, Inc., Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
DBE/WBE/SPSF Utilization:	Wetherill Engineering \$1,000,000.00 10%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Sepi Engineering and Construction, Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
DBE/WBE/SPSF Utilization:	100%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Summit Design and Engineering Services, Hillsborough, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	100%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Vaughn and Melton Consulting Engineers, Asheville, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%
Description of Work:	Construction Engineering and Inspection Limited Services
Firm:	Volkert, Inc., Raleigh, NC
Maximum Engineering Fee:	\$10,000,000.00
SPSF Utilization:	0%

Chief Engineer

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 6

Project:	34817.3.12 (U-2519DA) Cumberland County Fayetteville Outer Loop from east of SR 1415 (Clearwater Road) to west of NC 24 (Bragg Boulevard)
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$22,633,00.00
Firm:	RS&H Architects-Engineers-Planners, Inc., Charlotte, NC
Original Engineering Fee:	\$5,000,000.00
Supplemental Fee:	\$1,500,000.00
Supplemental Work:	Additional construction engineering and inspection to complete the project
DBE/WBE/SPSF Utilization:	Sepi Engineering and Construction \$300,00.00 20%

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ a private firm to provide Construction Engineering and Inspection for the project listed below for our Department to obligate available funds. Our staff was authorized to proceed with the actions required to employ private engineering firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 7

Project:	34821.3.S6 (U-2525B) Guilford County Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro
Scope of Work:	Construction Engineering and Inspection Services
Estimated Construction Cost:	\$115,100,000.00
Firm:	Rummel, Klepper, and Kahl, Raleigh, NC
Maximum Engineering Fee:	\$7,500,000.00
SPSF Utilization:	0%

NCDOT September 2014 Board of Transportation Agenda

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

Secondary Road Improvement Projects (Highway and Trust Funds)

County	SR No.	Description	Amount
Brunswick Div. 3	SR 1918 Jenrette Road	GDB&P. Increase Funds. WBS 3C.010063	\$77,000.00
Brunswick Div. 3	SR 1948 Sea Holiday Street	GDB&P. Increase Funds. WBS 3C.010076	\$32,700.00
Brunswick Div. 3	SR 1954 Sykes Street	GDB&P. Increase Funds. WBS 3C.010078	\$22,100.00
Brunswick Div. 3	SR 1946 Sea Ranch Way	GDB&P. Increase Funds. WBS 3C.010079	\$30,000.00
Brunswick Div. 3	SR 1947 Debra Street	GDB&P. Increase Funds. WBS 3C.010080	\$21,600.00
Brunswick Div. 3	SR 1241 Jeffery Street	GDB&P. Increase Funds. WBS 3C.010081	\$38,900.00
Brunswick Div. 3	SR 1894 Seaway Street	GDB&P. Increase Funds. WBS 3C.010082	\$12,600.00
Johnston Div. 4	Roberts Trail	Upgrade to Minimum Standards. WBS 4C.051140	\$8,100.00
Orange Div. 7	White Cross VFD	Pave New Driveway. WBS 7C.068108	\$25,000.00
Cabarrus Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20134.4	\$7,283.19
Union Div. 10	Various	System Preservation. Increase Funds. WBS 10SP.20904.4	\$3,017.89
Haywood Div. 14	SR 1366 Wesley Creek	GDB&P. Increase Funds. WBS 14C.044076	\$12,691.29

Closings

Division	County	WBS Element	Road Number / Name	Amount
Div. 5	Wake	5C.092147	Strengthen and Pave Mallard Crossing SD. Increase and Close.	\$48,010.10

NCDOT September 2014 Board of Transportation Agenda

According to G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for secondary road improvement projects.

Secondary Road Improvement Projects (Highway and Trust Funds)**Closings**

County	SR No.	Reason		Amount
Div. 5	Wake	5C.092116	SR 1946, Jack Jones Rd. Increase and Close.	\$185,081.05

Deletions

County	SR No.	Reason	Amount
Caswell Div. 7	SR 1724 Henry Warren Road	GDB&P. Unavailable Right of Way. WBS 7C.017089	-\$374,821.23

Corrections:

Div. 2 – Pitt County, WBS 2C.074017 should not have been listed on the July 2014 Agenda.

Div. 6 – Harnett County, WBS 3C.043087 was should not have been on the August 2014 Agenda.

Div. 10 – Stanly County, WBS 10SP.20844.4 was listed on July 2014 Agenda to increase \$16,000.00. The correct amount should be \$18,000.00

Div. 11 – Surry County, WBS 11C.086131 should not have been listed on the July 2014 Agenda.

NCDOT September 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 2				
Carteret	50570		Riverwatch Subdivision	6/4/14
		0.21	Willow Bridge Drive	
		0.29	Stella Bridgeway Drive	
Craven	50571		Hunters Ridge Subdivision	6/16/14
		0.10	Woodcroft Court	
		0.25	Hillsboro Drive	
Lenoir	50572		Kelly Acres Subdivision	12/12/13
		0.13	Tara Drive	
Pitt	50573		Brittany Ridge Subdivision	4/30/14
		0.17	Vicky Lane	
		0.05	Ray Hardee Circle	
		0.37	Patsy Drive	
		0.06	Kara Court	
Division 3				
Onslow	50574		Blue Creek Farms Subdivision	8/4/14
		1.00	Blue Creek Farms Drive	
		0.14	Blue Diamond Court	
		0.14	Blue Angel Court	
		0.16	Sky Blue Lane	
		0.09	Blue Moon Court	
Onslow	50575		Carolina Plantations Subdivision	7/15/14
		0.39	Seville Street	
		0.35	Kingston Road	
		0.09	Durban Lane	
		0.04	Cabernet Court	
		0.03	Marseille Court	
		0.49	Carolina Plantations Blvd.	
Onslow	50576		Moss Creek Subdivision	7/8/14
		0.28	Moss Creek Drive	
		0.03	Hope Court	
		0.39	Gladstone Drive	
		0.35	Shelmore Lane	
		0.06	Edenton Court	
Onslow	50577		Rockford Forest Subdivision	8/5/14
		0.30	Murphy Drive	

September 4, 2014

NCDOT September 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 4				
Nash	50578		Old Carriage Farm Subdivision	6/25/14
		0.23	Stallion Road, SR 1889 Ext.	
		0.23	Aspen Road	
		0.23	Oak Grove Road	
		0.18	Stillbrook Court	
		0.09	Springmill Trail, SR 1866 Ext.	
Wilson	50579		Hatties Corner Subdivision	6/3/14
		0.16	Pennyfield Lane	
Wilson	50580		Hunters Landing Subdivision	6/3/14
		0.20	Wood Duck Road	
		0.32	Mallard Lane	
		0.10	Green Wing Road	
		0.08	Blue Bill Road	
Wilson	50581		Stonegate Subdivision	5/12/14
		0.22	Stone Castle Court	
Wilson	50582		Weathersby Subdivision	5/30/14
		0.10	Robinwood Court	
Division 5				
Wake	50583		Mactavish Subdivision	7/28/14
		0.47	Mactavish Way	
		0.17	Kyle Abbey Lane	
Wake	50584		Wakefield Meadows Subdivision	7/17/14
		0.27	Wakefield Farm Road	
		0.45	Whispering Meadows	
		0.31	Stonewalk Court	
		0.22	Homestead Forest Road	
		0.11	Winter Storm Road	
		0.06	Open Pastures Way	
Division 7				
Guilford	50585		Willard Oaks Subdivision	7/23/14
		0.09	Invershield Court	
Rockingham	50586		Setliff Glen Subdivision	5/1/14
		0.27	Setliff Road, SR 2006 Ext.	

September 4, 2014

NCDOT September 2014 Board of Transportation Agenda

Road Additions:

County	Pet. No.	Length (Miles)	Description	Date of Report
Division 10				
Union	50587		Sanctuary at Weddington Subdivision	5/28/14
		0.18	Elijah Drive, SR 3127 Ext.	
		0.15	Paul Rose Lane	
Division 12				
Iredell	50588		Wheatfield Subdivision	7/16/14
		0.17	Emma Mae Drive	
		0.18	Logan Ridge Drive	

Road Abandonments:

Division 5				
Wake	50589	0.62	Portion of SR 1394 Earp Street	7/30/14
Wake	50590	0.09	Portion of SR 1625 Green Level Church Road	7/14/14
Division 6				
Bladen	50591	0.17	Portion of SR 1532 Bivens Bridge Road	7/14/14
Division 9				
Stokes	50592	0.09	Portion of SR 1427 Jefferson Road	7/29/14
Division 13				
Burke	50593	0.06	Portion of SR 1745 Old Lowman Street	6/18/14

Corrections:

Division 9 – Petition 50564 was listed as Rowan County. It should be Davidson County.

Division 11 – Petition 50566, Twin Oaks Place was added for 0.18 miles. The correct mileage should be 0.08 miles.

September 4, 2014

NCDOT SEPTEMBER 2014 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

County	Description	Type	Amount
Div 6 Cumberland	Bring Chipper St up to minimum state standards; project length is approximately 0.40 miles WBS 44216	Contingency <hr/> TOTAL	\$60,000.00 <hr/> \$60,000.00
Div 6 Cumberland	Town of Spring Lake – Bring Williams St up to minimum state standards; project length is approximately 0.15 miles WBS 44217	Contingency <hr/> TOTAL	\$30,000.00 <hr/> \$30,000.00
Div 6 Cumberland	Bring McCalls Dr, approximately 0.33 miles, up to minimum state standards WBS 44249	Contingency <hr/> TOTAL	\$50,000.00 <hr/> \$50,000.00
Div 6 Cumberland	City of Fayetteville – Construct an overhead sign structure for directional signing on US-401 southbound (Ramsey St) near the intersection of Ramsey St and Martin Luther King Blvd WBS 44254	Contingency <hr/> TOTAL	\$125,000.00 <hr/> \$125,000.00
Div 10 Mecklenburg	Town of Huntersville – WBS 40919 was established (11/06) for realignment and improvement of SR 2695 (Verhoeff Drive) from US-21 to NC-115 Increase & close	Contingency <hr/> TOTAL	\$24,038.33 <hr/> \$24,038.33
Div 10 Mecklenburg	Town of Cornelius – Reclamation and paving of SR 2151 (Jetton Rd) from West Catawba Ave to John Connor Rd Other funding: \$300,000 (Resurfacing) WBS 44228	Contingency <hr/> TOTAL	\$612,000.00 <hr/> \$612,000.00
Div 12 Cleveland	Town of Grover – Construction and repair work consisting of pipe replacement and repair and resurfacing on Dogwood Drive Other funding: \$33,907.50 (Powell Bill) WBS 44285	Contingency <hr/> TOTAL	\$161,725.00 <hr/> \$161,725.00

NCDOT SEPTEMBER 2014 BOARD OF TRANSPORTATION AGENDA**Funds Request****Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development**

Summary:	Number of Projects	7	
	Number of Divisions	3	
	Small Construction Commitment		\$0.00
	Public Access Commitment		\$0.00
	Contingency Commitment		\$1,062,763.33
	Economic Development		\$0.00
	TOTAL		\$1,062,763.33

ADDITIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TM-5320	Asheville Transit	FY 2011 FTA Section 5316 JARC (Statewide Allocation) Operating Assistance for JARC Projects in Asheville Urbanized Area including Mountain Mobility (Buncombe), Mountain Projects (Haywood and Asheville Transit)	JARC	5316		267					
			Local	L		267					
TM-5321	Asheville Transit	City of Asheville Section 5316 Program Administration of statewide allocation of 5316 funds	JARC	5316		\$21					
TG-4767	Greenville Area Transit	Routine Capital-bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc.	FUZ	5307	481	420	431	441	452	464	475
			Local	L	120	105	108	110	113	116	119
TA-4965	Greenville Area Transit	Replacement Bus	FUZ	5307		280	280			2,144	
			State	SMAP						268	
			Local	L		70	70			268	
TA-5150	Tar River Transit	Replacement of five 30 foot Low Floor Buses	FUZ	5307			2,060				
			Local	L			520				
TA-5151	Tar River Transit	Expansion of one 25 foot Light Transit Vehicle	FUZ	5307			80				
			Local	L			20				

MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TG-5107B	Greenville Area Transit	Preventive Maintenance	FUZ	5307	540	500	513	525	538	552	566
			Local	L	135	125	128	131	135	138	141
TG-5107C	Greenville Area Transit	Operating Assistance – ADA Paratransit Service	FUZ	5307	120	162	166	170	174	179	183
			Local	L	30	41	42	43	44	45	46
TO-4726	Greenville Area Transit	Operating Assistance	FUZ	5307	540	530	625	641	657	673	690
			State	SMAP	275	285	292	299	307	315	322
			Local	L	540	245	333	341	350	358	367

ADMINISTRATIVE MODIFICATIONS to the Transit 2012-2018 STIP

STIP #	Transit Partner	DESCRIPTION	match	FUND	FY13 (000)	FY14 (000)	FY15 (000)	FY16 (000)	FY17 (000)	FY18 (000)	FY19 (000)
TD-5265	Asheville Transit	City of Hendersonville – US 64 Pedestrian Access to Bus Stop Improvements (Sidewalk and Crosswalks) for FY 2013-2016	FNF	5317	197	60					
			Local	L	49	15					
TA-5153	Tar River Transit	Expansion Bus	FUZ	5307		320					
			Local	L		80					

Item I-1A, 11 Projects, Total Federal/State/Local funds \$26,388,000

NCDOT September 2014 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the September 4, 2014 Board of Transportation meeting.	

ITEM I-2 SUMMARY – 0 PROJECTS – (TOTAL FEDERAL AND STATE) \$0.00

NCDOT September 2014 Board of Transportation Agenda

Bike & Pedestrian Program

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the September 4, 2014 Board of Transportation meeting.	

ITEM I-3 SUMMARY – 0 PROJECTS – (TOTAL FEDERAL AND STATE) \$0.00

NCDOT September 2014 Board of Transportation Agenda

Aviation Program

Town/County Division	Project Description	Estimated Cost
Division of Aviation Multiple Counties Multiple Divisions	Statewide - Airport Survey Initiative for Multiple Airports	<div>\$600,000 Total</div> <div>\$0 Fed</div> <div>\$600,000 State</div> <div>\$0 Local</div>
Greenville, NC Pitt County Division 2	Pitt-Greenville - Small Community Air Service Development Program Request State funds as match to Federal Grant	<div>\$1,100,000 Total</div> <div>\$500,000 Fed</div> <div>\$25,000 State</div> <div>\$575,000 Local</div>
Halifax, NC Halifax County Division 4	Halifax Northampton Regional Airport – Medium Intensity Approach Lighting System (Construction) Request State funds as match to Federal Grant	<div>\$1,297,103 Total</div> <div>\$1,167,393 Fed</div> <div>\$129,710 State</div> <div>\$0 Local</div>
Albemarle, NC Stanly County Division 10	Stanly County Airport - Perimeter Fence Access Updates	<div>\$37,105 Total</div> <div>\$0 Fed</div> <div>\$33,394 State</div> <div>\$3,711 Local</div>
Asheville, NC Buncombe County Division 13	Asheville Regional Airport - Runway 16/34 Relocation Design Grant Adjustment - 36244.15.17.1	<div>\$1,333,333 Total</div> <div>\$0 Fed</div> <div>\$1,200,000 State</div> <div>\$133,333 Local</div>

ITEM I-4 SUMMARY – 5 PROJECTS - (TOTAL FEDERAL AND STATE FUNDS) \$ 4,367,541

**NCDOT September 2014 Board of Transportation Agenda
Approval of Specific State Funds for Construction Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Dare Co. Div. 1 B-2500 REGIONAL	WBS 32635.2.3 Replace Bridge 11 over the Oregon Inlet on NC 12. \$870,768.00 has previously been approved for right of way and utilities. Additional funds are requested.	\$200,000.00
Union Co. Div. 10 U-5325A REGIONAL	WBS 47081.3.2 Intersection of SR 1317 (Weddington Church Road) and NC 16. \$850,000.00 has previously been approved for construction. Funds need to be decreased (\$152,546.47) as project is complete. WBS will be closed.	-\$152,546.47
Union Co. Div. 10 U-5325A REGIONAL	WBS 47081.2.2 Intersection of SR 1317 (Weddington Church Road) and NC 16. \$25,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$8,486.88) as project is complete. WBS will be closed.	-\$8,486.88
Jackson/ Transylvania Cos. Div. 14 R-2409 REGIONAL	WBS 34428.1.1 US 64 from NC 107 at Cashiers to US 178 at Rosman. \$1,834,997.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$280,440.00
ITEM J SUMMARY	4 PROJECTS	\$319,406.65

NCDOT September 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
New Hanover/ Pender Cos. Div. 3 R-3300 STATEWIDE	WBS 40237.1.S1ATTY US 17 Hampstead Bypass from US 17 to US 17 north of Hampstead. Initial funds are requested for legal fees.	\$150,000.00
Cumberland/ Duplin/ Sampson Cos. Div. 3/6 R-2303WM STATEWIDE	WBS 34416.4.S3 NC 24 from west of SR 1006 (Clinton Rd.) in Cumberland County to I-40 near Warsaw in Duplin County. Initial funds are requested for wetland mitigation.	\$926,204.51
Durham/ Durham Co. Div. 5 U-0071 STATEWIDE	WBS 34745.3.S2 Durham East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway). Initial funds are requested for construction based on the estimate from the 12-month Tentative Letting List published July 29, 2014. This is a cash flow project with \$35,175,000.00 in each of SFY15, SFY16, SFY17 and SFY18. \$296,987.00 in Federal/Local funding is also included on Item M-7.	\$140,700,000.00
Durham/ Durham Co. Div. 5 U-0071WM STATEWIDE	WBS 34745.4.S1 East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway). Initial funds are requested for wetland mitigation.	\$407,821.04
Fayetteville/ Cumberland Co. Div. 6 EB-4539B DIVISION	WBS 41955.3.D2 Cape Fear River Greenway in Fayetteville Phase A from Clark Park south to the Cape Fear Botanical Gardens. Initial funds are requested for construction to supplement contingency and local funds allocated to the project.	\$200,000.00

NCDOT September 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Guilford/ Rockingham Cos. Div. 7 R-2413WM STATEWIDE	WBS 34429.4.S2 US 220/NC 68 Connector from US 220 at Haw River to existing NC 68. Initial funds are requested for wetland mitigation.	\$1,427,063.76
Greensboro/ Guilford Co. Div. 7 U-2525WM STATEWIDE	WBS 34821.4.S2 Wetland mitigation for Greensboro Eastern Loop. Initial funds are requested for wetland mitigation.	\$3,008,531.02
Davie Co. Div. 9 U-5540 DIVISION	WBS 46279.3.D1 Access road off SR 1345 (Interstate Drive). Initial funds are requested for construction. This is an economic development project.	\$1,650,000.00
Rowan Co. Div. 9 U-5541 DIVISION	WBS 46295.1.D1 Access road off SR 2528 (Heilig Road), construct roadway to serve new manufacturing site near Salisbury. Initial funds are requested for preliminary engineering. This is and economic development project.	\$75,000.00
Union Co. Div. 10 U-5325B REGIONAL	WBS 47081.3.R1 Construct roundabout at the intersection of NC 84 and SR 1344 (Matthews-Weddington Road). \$759,000.00 has previously been approved for construction. Funds need to be decreased (\$48,085.76) as project is complete. WBS will be closed.	-\$48,085.76

NCDOT September 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Strategic Transportation Investments

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Caldwell/ Watauga Cos. Div. 11 R-2237C STATEWIDE	WBS 34402.3.7 US 321 from south of SR 1500 (Blackberry Road) to US 221 at Blowing Rock. \$70,385,033.00 has previously been approved for construction. Project R-2237C was originally set up as a cash flow project in 2012 using anticipated Highway Trust Fund - Intrastate Funds. The STI legislation has replaced that funding stream, so the remaining funding needed for this project will now be Strategic Transportation Investments - Statewide.	\$17,440,014.00
STRATEGIC TRANSPORTATION INVESTMENTS	11 PROJECTS	\$165,936,548.57

**NCDOT September 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Intrastate System
(For projects previously identified as Intrastate Trust Fund projects)**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wilmington/ New Hanover Co. Div. 3 U-4751 STATEWIDE	WBS 40191.2.1 SR 1409 (Military Cutoff Road) to US 17 in Wilmington. \$7,699,655.00 has previously been approved for appraisal and advanced acquisition of specific parcels. Additional funds are requested for appraisal of Specific Parcel 918.	\$25,000.00
Mitchell/ Yancey Cos. Div. 13 R-2519B STATEWIDE	WBS 35609.2.2 US 19 east from NC 80 in Yancey County to multi-lane section west of Spruce Pine in Mitchell County. \$22,697,000.00 has previously been approved for right of way and utilities. Additional funds are requested.	\$4,000,000.00
TRUST FUND INTRASTATE SUMMARY	2 PROJECTS	\$4,025,000.00

**NCDOT September 2014 Board of Transportation Agenda
Approval of Specific North Carolina Trust Funds - Urban Loops**

K-5

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Brunswick/ New Hanover Cos. Div. 3 R-2633WM STATEWIDE	WBS 34491.4.1 US 17 (Wilmington Bypass) from US 17 south of Bishop to I-40 south of Castle Hayne. \$10,890,000.00 has previously been approved for wetland mitigation. Additional funds are needed for wetland mitigation.	\$925,029.94
Greensboro/ Guilford Co. Div. 7 U-2525B STATEWIDE	WBS 34821.2.3 Greensboro Eastern Loop from north of US 70 to US 29 north of Greensboro. \$30,400,000.00 has previously been approved for right of way. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$805,000.00
TRUST FUND URBAN LOOP	2 PROJECTS	\$1,730,029.94
STRATEGIC TRANSPORTATION INVESTMENTS	11 PROJECTS	\$165,936,548.57
TRUST FUND INTRASTATE SUMMARY	2 PROJECTS	\$4,025,000.00
TRUST FUND URBAN LOOP	2 PROJECTS	\$1,730,029.94
SUMMARY OF FUNDS	15 PROJECTS	\$171,691,578.51

September 4, 2014

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects**

According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve Funds for Specific Spot Safety Improvement Projects.

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 SS-4905BV	WBS 43785.3.1 NC 98 at Wake County Convenience Center #8. \$40,000 in construction funds has previously been approved for turn lane construction. Additional funds are needed due to an increase in construction costs. File 05-12-2530-1	\$25,000.00
ITEM L SUMMARY	1 PROJECT	\$25,000.00

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Washington Co. R-3620 REGIONAL	34548.3.FR1, STP-000S(252) New Route from US 64 to NC 32, 3.333 miles. \$12,000,000.00 has previously been approved for construction. Funds need to be decreased (\$2,197,248.00) to reflect the low bid received on June 17, 2014.	<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;"> -\$2,197,248.00 -\$1,757,798.00 -\$439,450.00 </div> <div> Cost Fed. State </div> </div>

Safety

Bertie Co. SS-4901AP DIVISION	44256.1.FD1, HSIP-1315(14) SR 1315 (Sally Freeman Road) between Bridge #29 and NC 42. Funds are needed for preliminary engineering.	<div style="display: flex; justify-content: flex-end;"> <div style="text-align: right; margin-right: 10px;"> \$7,500.00 \$6,750.00 \$750.00 </div> <div> Cost Fed. State </div> </div>
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**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Lenoir Co. B-4565 REGIONAL	33773.3.FR1, BRSTP-70B(5) Bridges #42, #43, #26 & #28 over the Neuse River Overflow on US 70 / US 258 Business. Funds are needed for construction.	\$2,132,971.00 \$1,706,377.00 \$426,594.00	Cost Fed. State

Safety

Jones Co. W-5601D REGIONAL	50138.1.FR5, HSIP-0041(33) NC 41 between Trent River Bridge north of Trenton in Jones County and US 70 in Craven County. Funds are needed for preliminary engineering.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State
Pitt Co. SS-4902BN REGIONAL	44259.1.FR1, HSIP-0043(21) NC 43 (Charles Boulevard) at Signature Drive. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Pitt Co. SS-4902BO REGIONAL	44257.1.FR1, HSIP-0013(40) US 13 (Dickinson Avenue) at US 264A (Greenville Boulevard) and SR 1203 (Allen Road) ; US 13 (Dickinson Avenue) at Arlington Boulevard; NC 11/43/903 (Memorial Drive) at Arlington Boulevard; SR 1467 (Stantonsburg Road) at SR 1200 and SR 1204 (B's BBQ Road). Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pitt Co.	44258.1.FR1, HSIP-0222(6)	\$20,000.00	Cost
SS-4902BP	NC 222 at SR 1401 (Old River Road). Funds are needed for	\$18,000.00	Fed.
REGIONAL	preliminary engineering.	\$2,000.00	State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 3

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wilmington/ New Hanover Co. U-3338 DIVISION	34932.1.1, STP-1175(8) SR 1175 (Kerr Avenue) from US 17 / 74 (Market Street) to SR 1148 (Wrightsville Avenue). \$2,666,299.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$200,000.00 \$160,000.00 \$40,000.00	Cost Fed. State

Bridge

New Hanover Co. BP-5500F STATEWIDE	50070.3.FS6, NHPP-0117(30) Bridge Preservation Program - Bridge #8 over US 17 on US 117/NC 132. Funds are needed for construction for deck preservation.	\$550,000.00 \$440,000.00 \$110,000.00	Cost Fed. State
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Safety

Onslow Co. W-5601A DIVISION	50138.1.FD2, HSIP-1316(20) SR 1316 (Rhodestown Road) from SR 2054 (Cross Creek Drive) to Holly Grove Court. Funds are needed for preliminary engineering.	\$62,500.00 \$56,250.00 \$6,250.00	Cost Fed. State
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**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Rocky Mount/ Nash Co. C-5546 EXEMPT	51016.1.F1, CMS-0431(29) Benvenue Road at Jeffreys Road. Funds are needed for preliminary engineering.	\$20,000.00 \$16,000.00 \$4,000.00	Cost Fed. Local

Enhancement

Johnston Co. E-5503 DIVISION	50073.1.F1, STPE-000S(746) Bentonville Battlefield - Installation of three visitor tour stops with wayside exhibits. Funds are needed for preliminary engineering.	\$25,000.00 \$20,000.00 \$5,000.00	Cost Fed. Other
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Safety

Edgecombe Co. SS-4904DB DIVISION	44260.1.FD1, HSIP-1243(5) SR 1243 (Leggett Road) at SR 1250 (Springfield Road). Funds are needed for preliminary engineering.	\$2,500.00 \$2,250.00 \$250.00	Cost Fed. State
Halifax Co. SS-4904DA REGIONAL	44263.1.FR1, HSIP-0043(22) NC 43 / 561 south of SR 1333 (Lynch Road); SR 1001 (Church Street) north of NC 481 Business within the Enfield Town Limits. Funds are needed for preliminary engineering.	\$1,000.00 \$900.00 \$100.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Johnston Co. W-5601B STATEWIDE	50138.1.FS3, HSIP-0070(183) US 70 at SR 2522 (Martin Livestock Road) and US 70 at SR 2314 (Pondfield Road). Funds are needed for preliminary engineering.	\$100,000.00 \$90,000.00 \$10,000.00	Cost Fed. State
Nash / Wake Cos. SS-4904DC STATEWIDE	44261.1.FS1, HSIP-0264(58) US 264 between NC 39 in Wake County and 300 feet west of SR 1128 (Buck Deans Road) in Nash County. Funds are needed for preliminary engineering.	\$25,000.00 \$22,500.00 \$2,500.00	Cost Fed. State
Wilson Co. SS-4904DD REGIONAL	44262.1.FR1, HSIP-0264(59) US 264A / NC 42 (Ward Boulevard) at Westwood Avenue and Elizabeth Road. Funds are needed for preliminary engineering.	\$7,500.00 \$6,750.00 \$750.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Wake Co. P-2918 EXEMPT	42801.3.F2, CMS-000S(781) Carolinian / Piedmont between Charlotte and Raleigh. Funds are needed for construction for the FY 2014 allocation and continued operation of the 3rd daily frequency run.	\$3,750,000.00 \$3,000,000.00 \$750,000.00	Cost Fed. State
Urban			
Durham/ Durham Co. U-0071 STATEWIDE	34745.3.F5, STPDA-076-1(5) East End Connector from north of NC 98 to NC 147 (Buck Dean Freeway), 3.789 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published July 8, 2014, with \$140,700,000.00 in State funds, see Item K-1, and \$296,987.00 in Federal funds.	\$296,987.00 \$237,590.00 \$59,397.00	Cost Fed. Local
Raleigh / Wake Co. U-5118EN DIVISION	42379.1.F29, STPDA-000S(779) Jones Dairy at Chalk, NC 55 at Old Powell, Rogers at Marshall Farm, and Millbrook at Davis Circle. Funds are needed for preliminary engineering.	\$40,000.00 \$32,000.00 \$8,000.00	Cost Fed. State
Apex/ Wake Co. U-5530AB DIVISION	44111.3.F3, STPDA-0501(31) West side of Tingen Road from the Apex Elementary School. Funds are needed for construction for a sidewalk.	\$75,000.00 \$60,000.00 \$15,000.00	Cost Fed. Local

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Durham Co.	44266.1.FS1, HSIP-0070(184)	\$5,000.00	Cost
SS-4905CJ	US 70 at SR 1957 (Peyton Avenue). Funds are needed for	\$4,500.00	Fed.
STATEWIDE	preliminary engineering.	\$500.00	State
 Durham Co.	 44265.1.FR1, HSIP-501B(1)	 \$25,000.00	 Cost
SS-4905CK	US 501 Business (Roxboro Street) from Club Boulevard to	\$22,500.00	Fed.
REGIONAL	Pacific Avenue. Funds are needed for preliminary engineering.	\$2,500.00	State
 Wake Co.	 44264.1.FR1, HSIP-0098(32)	 \$5,000.00	 Cost
SS-4905CL	NC 98 at South Franklin Street. Funds are needed for	\$4,500.00	Fed.
REGIONAL	preliminary engineering.	\$500.00	State

**NCDOT September 2014 Board of Transportation Agenda
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Division 6

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. X-0002CC STATEWIDE	35196.3.FS22, NHF-0100(23) Fayetteville Outer Loop from east of SR 1007 (All American Freeway) to east of US 401 (Ramsey Street), 10.985 miles. \$24,100,000.00 has previously been approved for construction. Funds need to be increased \$12,938,886.00 to reflect the low bid received on June 17, 2014.	\$12,938,886.00 \$10,351,109.00 \$2,587,777.00	Cost Fed. State

Bridge

Bladen Co. B-5411 DIVISION	45427.3.FD1, BRZ-1318(13) Replace Bridge #124 over Johnson Pond Spillway on SR 1318. Funds are needed for construction.	\$1,060,000.00 \$848,000.00 \$212,000.00	Cost Fed. State
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Safety

Bladen Co. SS-4906CA REGIONAL	44267.1.FR1, HSIP-0041(34) NC 41 at Northbound NC 131. Funds are needed for preliminary engineering.	\$1,500.00 \$1,350.00 \$150.00	Cost Fed. State
Fayetteville / Cumberland Co. SR-5001CD DIVISION	40924.1.F41, SRS-0620(29) Safe Routes To School - Various locations to serve the students of Morganton Elementary School and J.W. Coon Elementary School. Funds are needed for preliminary engineering.	\$75,000.00 \$75,000.00	Cost Fed.

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Cumberland Co. W-5206AE DIVISION	45336.2.FD31, HSIP-1104(18) SR 1104 (Strickland Bridge Road) from south of SR 3365 (Hackney Loop) to north of SR 1109 (Dundle Road) in Fayetteville. Funds are needed for full right of way and utilities.	\$50,000.00 \$45,000.00 \$5,000.00	Cost Fed. State
Cumberland Co. W-5206Z DIVISION	45336.2.FD26, HSIP-1103(28) SR 1103 (Galatia Church Road) at SR 1002 (Gillis Hill Road); SR 1103 (Galatia Church Road) at SR 1112 (Stoney Point Road); and SR 1112 (Stoney Point Road) at SR 1102 (Gillis Hill Road). Funds are needed for full right of way and utilities.	\$150,000.00 \$135,000.00 \$15,000.00	Cost Fed. State
Cumberland Co. W-5514 STATEWIDE	44102.2.FS1, HSIP-1007(27) SR 1007 (Owen Drive) from Walter Reed Road to US 301/Business I-95. Funds are needed for full right of way and utilities.	\$325,000.00 \$292,500.00 \$32,500.00	Cost Fed. State
Harnett Co. SS-4906BZ DIVISION	44269.1.FD1, HSIP-1500(9) SR 1500 (Benson Road) at SR 1546 (Young Road). Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Harnett Co.	44268.1.FD1, HSIP-1209(7)	\$25,000.00	Cost
SS-4906CB	SR 1209 (Barbeque Church Road) curve and Bridge #48	\$22,500.00	Fed.
DIVISION	located approximately 0.3 mile north of NC 27. Funds are needed for preliminary engineering.	\$2,500.00	State

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Division 7

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Greensboro/ Guilford Co. C-5555A EXEMPT	45540.3.F1, CMS-0708(55) McConnell Road, JJ Drive, Vandalia Road, West Friendly Avenue, and West Wendover Avenue. Funds are needed for construction for sidewalks and pavement markings for new crosswalks.	\$1,406,648.00 Cost \$1,125,318.00 Fed. \$281,330.00 Local
Guilford Co. R-2612B STATEWIDE	34483.3.FS2, CMNHF-0421(52) US 421 at SR 3418 (Neelley Road) south of Greensboro, 0.713 mile. \$18,200,000.00 has previously been approved for construction. Funds need to be decreased (\$2,739,489) to reflect the low bid received on June 17, 2014.	-\$2,739,489.00 Cost -\$2,191,591.00 Fed. -\$547,898.00 State

Enhancement

Greensboro/ Guilford Co. EL-5101DJ DIVISION	41823.1.2, STPDA-0708(31) Downtown Greenway (Phase 2) along Murrow Boulevard from Lee Street to Fisher Avenue and along Fisher Avenue from Murrow Boulevard to Eugene Street. \$486,917.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$257,500.00 Cost \$206,000.00 Fed. \$51,500.00 Local
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Urban

Greensboro/ Guilford Co. U-5532A DIVISION	46297.1.F2, TAP-0708(69) Aycock Street and Walker Avenue Pedestrian Improvement Project. Funds are needed for preliminary engineering.	\$35,000.00 Cost \$28,000.00 Fed. \$7,000.00 Local
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**NCDOT September 2014 Board of Transportation Agenda
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Division 7 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Orange Co. SS-4907BF DIVISION	44271.1.FD1, HSIP-1567(7) SR 1567 (Pleasant Green Road) at SR 1569 (Cole Mill Road). Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Orange Co. SS-4907BG DIVISION	44270.1.FD1, HSIP-1710(6) SR 1710 (Old NC 10) at SR 1713 (Mount Hermon Church Road). Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State

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Division 8

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Pittsboro / Chatham Co. C-5551 EXEMPT	51021.3.F1, CMS-0830(4) US 64 Business (East Street) from Chatham Business Park Drive to White's Mobile Home Park Drive. Funds are needed for construction for a sidewalk.	\$128,050.00 \$102,440.00 \$25,610.00	Cost Fed. Local
Pittsboro / Chatham Co. C-5551 EXEMPT	51021.1.1, CMS-0830(4) US 64 Business (East Street) from Chatham Business Park Drive to White's Mobile Home Park Drive. \$14,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$5,500.00 \$4,400.00 \$1,100.00	Cost Fed. Local

Bridge

Randolph Co. B-4608 DIVISION	38433.3.FD1, BRZ-1003(118) Replace Bridge #208 over Fork Creek on SR 1003, 0.218 mile. \$1,200,000.00 has previously been approved for construction. Funds need to be increased \$26,683.00 to reflect the low bid received on June 17, 2014.	\$26,683.00 \$21,346.00 \$5,337.00	Cost Fed. State
Randolph Co. BD-5108A DIVISION	45354.3.2, BRZ-1002(32) Replace Bridge #206 over Fork Creek on SR 1002. \$610,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$383,500.00 \$306,800.00 \$76,700.00	Cost Fed. State

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Division 8 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Randolph Co.	44273.1.FS1, HSIP-0421(82)	\$17,500.00	Cost
SS-4908AN	US 421 at SR 2434 (Troy Estate Road) and NC 49 at SR 2434.	\$15,750.00	Fed.
STATEWIDE	Funds are needed for preliminary engineering.	\$1,750.00	State
Randolph Co.	44272.1.FR1, HSIP-0311(33)	\$25,000.00	Cost
SS-4908AO	US 311 at SR 1954 (Bowman Avenue) / SR 1511 (Heath Dairy	\$22,500.00	Fed.
REGIONAL	Road). Funds are needed for preliminary engineering.	\$2,500.00	State
Randolph Co.	50138.1.FS4, HSIP-0064(178)	\$30,000.00	Cost
W-5601C	US 64 at SR 2469 (Brown's Crossroads) / SR 2468 (Zion	\$27,000.00	Fed.
STATEWIDE	Church Road). Funds are needed for preliminary engineering.	\$3,000.00	State

**NCDOT September 2014 Board of Transportation Agenda
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Division 9

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Winston- Salem/ Forsyth Co. U-2579B STATEWIDE	34839.3.GVS4, NHF-0918(93) The Winston-Salem Northern Beltway (Eastern Section) from I-40 Business/US 421 to US 158. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 5, 2014. This is a GARVEE BOND project with \$13,138,000.00 of Federal funds in FFY15 through FFY26, and \$40,316,355 of State match funds in FFY15 through FFY18.	\$169,538,027.00 \$129,221,672.00 \$40,316,355.00	Cost Fed. State

Urban

Bermuda Run / Davie Co. U-4742MA DIVISION	39746.3.F21, STPDA-0930(3) West side of the Kathryn Crosby Bridge on US 158 and the westbound intersection with Twins Way and the eastbound intersection with Bermuda Run Drive. \$356,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$492,000.00 \$393,600.00 \$98,400.00	Cost Fed. Local
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Safety

Davidson Co. SS-4909BG REGIONAL	44274.1.FR1, HSIP-0109(19) NC 109 at SR 1711 (Gumtree Road) in Wallburg. Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State
Davie Co. SS-4909BF REGIONAL	44275.1.FR1, HSIP-0801(11) NC 801 at SR 1410 (Farmington Road). Funds are needed for preliminary engineering.	\$4,000.00 \$3,600.00 \$400.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9 (Continued)

Planning and Research

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Winston- Salem/ Forsyth Co. M-0471 DIVISION	50110.1.F1, SPR-000S(775) Strategic Highway Research Program (SHRP2) Local Freight Data Study. Funds are needed for preliminary engineering.	\$150,000.00	Cost
		\$150,000.00	Fed.

**NCDOT September 2014 Board of Transportation Agenda
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Division 10

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Mecklenburg Co. I-5405 STATEWIDE	45454.1.FS3, NHF-0771-1(209)9 I-77 from I-277 (Brookshire Freeway) to I-485; Combined with I-4750AA; I-77 from SR 5544 (West Catawba Avenue; exit 28) to NC 150; (exit 26); and combined with I-3311C; I-277 (Brookshire Freeway) to north of I-85. Funds are needed for preliminary engineering.	\$12,000,000.00 \$9,600,000.00 \$2,400,000.00	Cost Fed. State
Mecklenburg Co. R-2123CG STATEWIDE	34379.1.FS19, NHPF-117-1(57) I-485 (Charlotte Eastern Outer Loop) / I-85. Funds are needed for preliminary engineering.	\$60,000.00 \$48,000.00 \$12,000.00	Cost Fed. State
Mecklenburg Co. R-4902A STATEWIDE	39929.1.FS2, IMNHF-0485(35) ITS - I-77 to SR 3624 (Rea Road) south of Charlotte. Funds are needed for preliminary engineering.	\$75,000.00 \$60,000.00 \$15,000.00	Cost Fed. State

Congestion Mitigation

Kannapolis/ Cabarrus Co. C-4916C EXEMPT	44016.1.F3, CMS-1034(9) Sidewalk along Oakwood Avenue around Shady Brook School. Funds are needed for preliminary engineering.	\$118,125.00 \$94,500.00 \$23,625.00	Cost Fed. Local
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**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10 (Continued)

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Marshville/ Union Co. C-5128 EXEMPT	45146.3.F1, CMS-1012(4) US 74 from Flake Street to Morgan Street. Funds are needed for construction for a sidewalk.	\$200,467.00 \$160,374.00 \$40,093.00	Cost Fed. Local

Safety

Mecklenburg / Cabarrus Cos. W-5210H REGIONAL	45340.3.FR8, HSIP-0029(60) US 29 from SR 5083 (Pavilion Boulevard) in Mecklenburg County to SR 2894 (Bruton Smith Boulevard) in Cabarrus County. Funds are needed for construction for asphalt, concrete monolithic island and thermoplastic markings.	\$1,140,000.00 \$1,026,000.00 \$114,000.00	Cost Fed. State
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Municipal Bridge

Wadesboro/ Anson Co. B-5009 DIVISION	41538.2.F1, BRZ-1027(2) Bridge #90 on East Wade Street over Moss Creek. Funds are needed for full right of way and utilities.	\$10,000.00 \$8,000.00 \$2,000.00	Cost Fed. Local
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High Priority

Cabarrus Co. U-4910B DIVISION	40373.2.F2, HPP-1445(7) SR 1445 (Derita Road) from Aviation Boulevard to SR 1394 (Poplar Tent Road). Funds are needed for full right of way and utilities.	\$2,450,000.00 \$1,960,000.00 \$490,000.00	Cost Fed. Local
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Division 12

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Shelby / Cleveland Co. R-2707 STATEWIDE	34497.1.FSATTY1, NHF-0074(162) US 74 Bypass from existing US 74 west of Shelby to existing US 74 east of Shelby. Funds are needed for preliminary engineering for Attorney Staff legal charges.	\$150,000.00 \$120,000.00 \$30,000.00	Cost Fed. State

Congestion Mitigation

Claremont/ Catawba Co. C-5195 EXEMPT	46247.1.1, CMS-1207(8) Construct sidewalks at various locations. \$24,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.	\$14,000.00 \$11,200.00 \$2,800.00	Cost Fed. Local
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Safety

Catawba Co. SS-4912BE DIVISION	44276.1.FD1, HSIP-1124(8) SR 1124 (George Hildebran Road) between SR 1206 (Hildebran-Shelby Road) and SR 1255 (Sunrise Drive). Funds are needed for preliminary engineering.	\$20,000.00 \$18,000.00 \$2,000.00	Cost Fed. State
Gaston Co. SS-4912BF DIVISION	44277.1.FD1, HSIP-1002(43) SR 1002 (Bud Black Road) at Bridge #108. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

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Division 12 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Gaston Co. SS-4912BG REGIONAL	44278.1.FR1, HSIP-0321(33) US 321 (York Street) at SR 2466 (Garrison Boulevard) and US 321 Southbound Couplet (Chester Street) at SR 2466 (Garrison Boulevard). Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Gaston Co. W-5311 REGIONAL	46135.2.FR1, STPNHS-0321(24) US 321 at SR 2416 (Robinson Road). Funds are needed for full right of way and utilities.	\$35,000.00 \$31,500.00 \$3,500.00	Cost Fed. State
Iredell Co. SS-4912BH DIVISION	44279.1.FD1, HSIP-2321(2) SR 2321 (Broad Street) at Elm Street. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
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Division 13

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Buncombe Co. I-5608 STATEWIDE	45830.3.FS1, IMPP-0240(5) Interstate Maintenance Preservation Program - I-240 from I-40 / I-26 to US 19 / US 23, 5.300 miles. Funds are needed for construction based on the estimate from the 12-Month Tentative Letting List published August 5, 2014.	\$5,800,000.00 \$4,640,000.00 \$1,160,000.00	Cost Fed. State

Safety

Burke Co. SS-4913BU REGIONAL	44280.1.FR1, HSIP-0064(179) US 64 Business / NC 18 (Avery Avenue) at Bouchelle Street in Morganton. Funds are needed for preliminary engineering.	\$10,000.00 \$9,000.00 \$1,000.00	Cost Fed. State
Mitchell Co. SR-5001CJ DIVISION	40924.3.F86, SRS-1324(9) Safe Routes To School - Town of Spruce Pine. Funds are needed for construction for sidewalk improvements and crossing improvements to serve Deyton Elementary School.	\$430,000.00 \$430,000.00	Cost Fed.

**NCDOT September 2014 Board of Transportation Agenda
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Division 14

Surface Transportation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Haywood Co. R-4047 REGIONAL	34599.2.FR1, STP-0209(6) NC 209 from US 23 Business to north of SR 1523 (Old Clyde Road), 0.777 mile. \$18,000,000.00 has previously been approved for construction. Funds need to be increased \$3,578,410.00 to reflect the low bid received on June 17, 2014.	\$3,578,410.00 \$2,862,728.00 \$715,682.00	Cost Fed. State

Bridge

Henderson Co. BP-5500BB STATEWIDE	50070.3.FS28, NHPP-0261-1(197)25 Bridge #30 on I-26 over SR 1834 (Macedonia Road). \$650,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$608,000.00 \$486,400.00 \$121,600.00	Cost Fed. State
Swain Co. BP-5500DD STATEWIDE	50070.3.FS30, NHPP-0019(48) Bridges #13 and #16 on US 19/74 over Alarka Creek. \$1,100,000.00 has previously been approved for construction. Additional funds are needed based on the latest estimate.	\$627,000.00 \$501,600.00 \$125,400.00	Cost Fed. State

Safety

Cherokee Co. SS-4914BV REGIONAL	44282.1.FR1, HSIP-064A(3) US 64A / SR 1687 from US 64 to SR 1531 (Hendrix Road) near Otto. Funds are needed for preliminary engineering.	\$3,000.00 \$2,700.00 \$300.00	Cost Fed. State
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**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Robbinsville / Graham Co. SR-5001BV DIVISION	40924.3.F73, SRS-1417(6) Safe Routes To School - NC 143 and adjacent neighborhoods to Robbinsville Middle School. Funds are needed for construction for a sidewalk connection to the school from an existing sidewalk.	\$140,000.00 \$140,000.00	Cost Fed.
Jackson Co. SS-4914BU STATEWIDE	44281.1.FS1, HSIP-0441(13) US 441 at the Catamount Travel Center near Cherokee. Funds are needed for preliminary engineering.	\$15,000.00 \$13,500.00 \$1,500.00	Cost Fed. State
Macon Co. SS-4914BW DIVISION	44283.1.FD1, HSIP-1636(2) SR 1636 (Tessentee Road) near SR 1640 (Buckeye Branch) near Otto. Funds are needed for preliminary engineering.	\$5,000.00 \$4,500.00 \$500.00	Cost Fed. State

**NCDOT September 2014 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost	
Statewide	40922.1.1, SRS-000S(489)	\$750,000.00	Cost
SR-5000	Safe Routes To School - Educational, Training and other	\$750,000.00	Fed.
STATEWIDE	Non-Infrastructure needs. \$350,000.00 has previously been approved for preliminary engineering. Additional funds are needed based on the latest estimate.		

ITEM M SUMMARY - 77 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$216,917,162.00

**REVISIONS TO THE 2012-2020 STIP
HIGHWAY PROGRAM
STIP ADDITIONS**

DIVISION 5

* W-5522 WAKE PROJ.CATEGORY DIVISION	SR 1656 (TRINITY ROAD), SR 1658 (YOUTH CENTER DRIVE) INTERSECTION IN RALEIGH. CONSTRUCT PEDESTRIAN TUNNEL UNDER SR 1656 (TRINITY ROAD). <u>PROJECT ADDED AT REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2017 -	\$3,200,000 (HSIP) \$3,200,000
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STIP MODIFICATIONS**DIVISION 1**

B-2500B DARE PROJ.CATEGORY REGIONAL	NC 12, PHASE II, LONG-TERM IMPROVEMENTS AT RODANTHE. <u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 14 TO FY 15 FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2015 - FY 2015 - FY 2015 - FY 2015 - FY 2015 - FY 2016 - FY 2016 - FY 2017 - FY 2017 -	\$1,530,000 (ER) \$3,570,000 (NHP) \$250,000 (NHP) \$19,800,000 (ER) \$46,200,000 (NHP) \$19,800,000 (ER) \$46,200,000 (NHP) \$19,800,000 (ER) <u>\$46,200,000 (NHP)</u> \$203,350,000
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EB-4991 PASQUOTANK PROJ.CATEGORY DIVISION	ELIZABETH CITY, US 17 BYPASS TO PRITCHARD STREET. CONSTRUCT GREENWAY. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW CITY OF ELIZABETH CITY TIME TO OBTAIN CONSTRUCTION EASEMENTS.</u>	CONSTRUCTION	FY 2015 -	\$550,000 (HP) \$550,000
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R-2545AA TYRRELL PROJ.CATEGORY STATEWIDE	US 64, EAST OF COLUMBIA TO WEST OF SR 1229 (OLD US 64) AT ALLIGATOR RIVER. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 18 TO FY 19 TO ALLOW ADDITIONAL TIME TO RESOLVE WILDLIFE CROSSING ISSUES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2019 - FY 2020 - FY 2021 -	\$1,730,000 (T) \$1,250,000 (T) \$5,934,000 (T) \$5,933,000 (T) <u>\$5,933,000 (T)</u> \$20,780,000
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R-2545AB TYRRELL PROJ.CATEGORY STATEWIDE	US 64, WEST OF SR 1229 (OLD US 64) AT ALLIGATOR RIVER TO WEST OF ALLIGATOR RIVER. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 18 AND CONSTRUCTION FROM FY 18 TO FY 20 TO ALLOW ADDITIONAL TIME TO RESOLVE WILDLIFE CROSSING ISSUES.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2018 - FY 2018 - FY 2020 - FY 2021 - FY 2022 -	\$1,300,000 (T) \$2,050,000 (T) \$13,834,000 (T) \$13,833,000 (T) <u>\$13,833,000 (T)</u> \$44,850,000
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* INDICATES FEDERAL AMENDMENT

Thursday, September 04, 2014

**REVISIONS TO THE 2012-2020 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 1

R-4467 PERQUIMANS PROJ.CATEGORY REGIONAL	US 17 BUSINESS/ NC 37, EAST OF PERQUIMANS RIVER BRIDGE TO NC 37 IN HERTFORD. CONSTRUCT A NEW ROADWAY ON PILINGS AND REPLACE BRIDGE NO. 8. INCLUDES B-4923. <u>DELAY RIGHT-OF-WAY FROM FY 16 TO FY 17 AND CONSTRUCTION FROM FY 18 TO FY 19 TO ALLOW ADDITIONAL TIME TO COORDINATE WITH TOWN OF HERTFORD.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2017 - FY 2017 - FY 2019 - FY 2020 - FY 2021 -	\$975,000 (T) \$130,000 (T) \$9,400,000 (T) \$9,400,000 (T) <u>\$9,400,000 (T)</u> \$29,305,000
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DIVISION 2

W-5008 BEAUFORT PROJ.CATEGORY DIVISION	SR 1306 (15TH STREET), US 17 BUSINESS (CAROLINA AVENUE) TO PEARCE STREET IN WASHINGTON. WIDEN TO FOUR LANE DIVIDED FACILITY WITH MEDIAN. <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL DESIGN TIME TO COORDINATE WITH MUNICIPALITY.</u>	CONSTRUCTION	FY 2015 -	<u>\$2,250,000</u> (HSIP) \$2,250,000
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DIVISION 3

R-5023B ONSLow PROJ.CATEGORY REGIONAL	NC 53 (BURGAH HIGHWAY), SR 1116 (ONSLow PINES ROAD) TO SR 1105 (HAWES RUN ROAD) <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME FOR DESIGN BY DIVISION.</u>	CONSTRUCTION	FY 2015 -	<u>\$1,140,000</u> (STP) \$1,140,000
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R-5023C ONSLow PROJ.CATEGORY REGIONAL	NC 53 (BURGAH HIGHWAY), SR 1105 (HAWES RUN ROAD) TO WEST OF SR 1109 (HOLLY SHELTER ROAD) <u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW ADDITIONAL TIME FOR DESIGN BY DIVISION.</u>	CONSTRUCTION	FY 2015 -	<u>\$760,000</u> (STP) \$760,000
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U-4751 NEW HANOVER PROJ.CATEGORY STATEWIDE	SR 1409 (MILITARY CUTOFF ROAD EXTENSION), SR 1409 (MILITARY CUTOFF ROAD) TO US 17 IN. WILMINGTON. MULTI-LANES ON NEW LOCATION. <u>DELAY CONSTRUCTION FROM FY 17 TO FY 18 FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY UTILITIES MITIGATION CONSTRUCTION	FY 2015 - FY 2016 - FY 2015 - FY 2016 - FY 2018 - FY 2019 - FY 2020 - FY 2021 -	\$22,500,000 (T) \$22,500,000 (T) \$650,000 (T) \$3,271,000 (T) \$14,750,000 (T) \$14,750,000 (T) \$14,750,000 (T) <u>\$14,750,000 (T)</u> \$107,921,000
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* INDICATES FEDERAL AMENDMENT

Thursday, September 04, 2014

**REVISIONS TO THE 2012-2020 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 5

* B-5161 WAKE PROJ.CATEGORY DIVISION	SR 1162 (APEX BARBECUE ROAD), REPLACE BRIDGE NO. 362 OVER BEAVER CREEK IN APEX. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 16 AND CONSTRUCTION FROM FY 16 TO FY 17 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY MITIGATION CONSTRUCTION	FY 2016 - FY 2016 - FY 2017 -	\$70,000 (S(E)) \$5,000 (S(E)) \$700,000 (S(E)) \$775,000
U-5500 WAKE PROJ.CATEGORY DIVISION	SR 1605 / SR 1615 (GREEN LEVEL WEST ROAD), SR 1600 (GREEN LEVEL CHURCH ROAD) TO NC 55 IN CARY. WIDEN FROM TWO TO FOUR LANES. <u>REVISE PROJECT DESCRIPTION TO REFLECT PROPOSED CROSS SECTION AND ADD BREAKS AS INDICATED BELOW.</u>			
U-5500A WAKE PROJ.CATEGORY DIVISION	SR 1605 / SR 1615 (GREEN LEVEL WEST ROAD), SR 1600 (GREEN LEVEL CHURCH ROAD) TO NC 540 IN CARY. WIDEN TO 4-LANE DIVIDED FACILITY WITH 4 - FOOT PAVED SHOULDERS. <u>ADD NEW PROJECT BREAK FOR PLANNING AND ENVIRONMENTAL STUDY ONLY.</u>	RIGHT-OF-WAY CONSTRUCTION	POST YR- POST YR-	\$1,558,000 (C) \$5,565,000 (C) \$7,123,000
* U-5500B WAKE PROJ.CATEGORY DIVISION	SR 1605 / SR 1615 (GREEN LEVEL WEST ROAD), NC 540 TO NC 55 IN CARY. WIDEN TO 4-LANE DIVIDED FACILITY WITH WIDE OUTSIDE LANES AND SIDEWALKS. <u>ADD NEW BREAK WITH RIGHT OF WAY IN FY 14 AND CONSTRUCTION IN FY 16 NOT PREVIOUSLY PROGRAMMED.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2014 - FY 2016 -	\$250,000 (C) \$4,400,000 (C) \$4,650,000
* U-5516 DURHAM PROJ.CATEGORY REGIONAL	US 501 (ROXBORO ROAD), SR 1448 (LATTA ROAD) / SR 1639 (INFINITY ROAD) INTERSECTION IN DURHAM. ADD LANES THROUGH INTERSECTION. <u>DELAY RIGHT-OF-WAY FROM FY 15 TO FY 17 AND CONSTRUCTION FROM FY 16 TO FY 18 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN AND TO DETERMINE COST PARTICIPATION BY CITY.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2017 - FY 2018 -	\$2,000,000 (C) \$2,100,000 (NHP) \$4,100,000
* W-5515 VANCE PROJ.CATEGORY DIVISION	SR 1518 (STEWART FARM ROAD), HENDERSON CITY LIMIT TO SR 1515 (SOUTH COKESBURY ROAD). CONSTRUCT PAVED SHOULDERS. <u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 AND CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2015 - FY 2016 -	\$135,000 (HSIP) \$1,350,000 (HSIP) \$1,485,000

* INDICATES FEDERAL AMENDMENT

Thursday, September 04, 2014

**REVISIONS TO THE 2012-2020 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 7

* C-5181	JONES CREEK GREENWAY, CONSTRUCT A 100 FOOT	CONSTRUCTION	FY 2016 -	\$247,000 (CMAQ)
ORANGE	BRIDGE AND 650 FOOT PAVED TRAIL IN CARRBORO TO		FY 2016 -	\$61,000 (C)
PROJ.CATEGORY	FILL GAP BETWEEN THE UPPER BOLIN TRAIL AND TWIN	IMPLEMENTATION	FY 2017 -	\$10,000 (CMAQ)
EXEMPT	CREEKS GREENWAY AND IMPLEMENT PROGRAM TO		FY 2017 -	\$2,000 (C)
	SUPPORT NON-VEHICLE TRIPS TO MORRIS GROVE			\$320,000
	ELEMENTRY SCHOOL.			
	<u>DELAY CONSTRUCTION FROM FY 14 TO FY 16 AND</u>			
	<u>IMPLEMENTATION FROM FY 15 TO FY 17 TO REFLECT</u>			
	<u>TOWN DELIVERY SCHEDULE.</u>			

W-5142	US 220, SR 1110 (ELLISBORO ROAD) SOUTH OF	RIGHT-OF-WAY	FY 2015 -	\$20,000 (HSIP)
ROCKINGHAM	MADISON. FIRST MEDIAN OPENING SOUTH OF	CONSTRUCTION	FY 2015 -	\$525,000 (HSIP)
PROJ.CATEGORY	INTERSECTION, PROVIDE A LIMITED MOVEMENT			\$545,000
STATEWIDE	CROSSOVER, CONSTRUCT A BULB-OUT AND UPGRADE			
	TWO LEFT-TURN LANES.			
	<u>DELAY RIGHT-OF-WAY FROM FY 12 TO FY 15 AND</u>			
	<u>CONSTRUCTION FROM FY 14 TO FY 15 TO ALLOW</u>			
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>			

W-5143	SR 1004 (EFLAND- CEDAR GROVE ROAD), NORTH OF	CONSTRUCTION	FY 2015 -	\$325,000 (HSIP)
ORANGE	INTERSECTION WITH SR 1332 (HIGHLAND FARM ROAD).			\$325,000
PROJ.CATEGORY	IMPROVE HORIZONTAL ALIGNMENT OF CURVE TO			
DIVISION	PROVIDE A MINIMUM OF 60 MPH DESIGN SPEED.			
	<u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 TO</u>			
	<u>ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>			

DIVISION 8

W-5513	US 1 US 1 BUSINESS US 15 / US 501, US 1 / US 15-501	RIGHT-OF-WAY	FY 2015 -	\$110,000 (HSIP)
LEE	INTERCHANGE. CONSTRUCT ROUNDABOUTS AT RAMP	CONSTRUCTION	FY 2015 -	\$1,850,000 (HSIP)
PROJ.CATEGORY	TERMINALS.			\$1,960,000
STATEWIDE	US 1 BUSINESS / SR 1420 (AMOS BRIDGES ROAD)			
	INTERSECTION. CONSTRUCT LEFTOVER.			
	US 15-501 / SR 1444 (BEECHTREE ROAD)			
	INTERSECTION. CONSTRUCT LEFT TURN LANE.			
	<u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 PENDING</u>			
	<u>EXECUTION OF UTILITY AGREEMENT.</u>			

DIVISION 9

* W-5314	NC 801, SR 1951 (PARKS ROAD), NC 801 AT SR 2048	RIGHT OF WAY	FY 2015 -	\$119,000 (HSIP)
ROWAN	(COOL SPRINGS ROAD / WOODLEAF ROAD), SR 1951	CONSTRUCTION	FY 2016 -	\$800,000 (HSIP)
PROJ.CATEGORY	(PARKS ROAD) AT SR 2048 (WOODLEAF ROAD) AND NC			\$919,000
REGIONAL	801 AT SR 2004 (WOODLEAF BARBER ROAD / QUARRY			
	ROAD). WIDENING, INTERSECTION REALIGNMENT, TURN			
	LANES AND GEOMETRIC IMPROVEMENTS.			
	<u>DELAY RIGHT-OF-WAY FROM FY 13 TO FY 15 AND</u>			
	<u>CONSTRUCTION FROM FY 15 TO FY 16 TO ALLOW</u>			
	<u>ADDITIONAL TIME FOR PLANNING AND DESIGN.</u>			

* INDICATES FEDERAL AMENDMENT

Thursday, September 04, 2014

**REVISIONS TO THE 2012-2020 STIP
HIGHWAY PROGRAM
STIP MODIFICATIONS**

DIVISION 10

C-5538	CHARLOTTE, INTERSECTION OF TUCKASEEGEE-	ENGINEERING	FY 2014 -	\$240,000 (C)
MECKLENBURG	BERRYHILL-THRIFT ROADS IN CHARLOTTE.	RIGHT-OF-WAY	FY 2014 -	\$150,000 (C)
PROJ.CATEGORY	CONSTRUCT A TRAFFIC CIRCLE.	CONSTRUCTION	FY 2015 -	\$1,847,000 (CMAQ)
EXEMPT	<u>INCREASE FEDERAL FUNDING.</u>		FY 2015 -	\$563,000 (C)
				\$2,800,000

* U-5108 (STPDA)	NORTHCROSS DRIVE EXTENSION, END OF NORTHCROSS		RIGHT-OF-WAY FY 2016 -	\$955,000
MECKLENBURG	DRIVE TO WESTMORELAND ROAD IN CORNELIUS.		FY 2016 -	\$421,000 (C)
PROJ.CATEGORY	CONSTRUCT ROAD ON NEW LOCATION.	CONSTRUCTION	FY 2017 -	\$4,765,000 (STPDA)
DIVISION	<u>ADD RIGHT-OF-WAY IN FY 16 NOT PREVIOUSLY</u>		FY 2017 -	\$2,091,000 (C)
	<u>PROGRAMMED. DELAY CONSTRUCTION FROM FY 14 TO</u>			\$8,232,000
	<u>FY 17 AS REQUESTED BY THE TOWN OF CORNELIUS.</u>			

U-5507B	RIDGE ROAD TO PROSPERITY CHURCH ROAD.	CONSTRUCTION	FY 2015 -	\$2,000,000 (STPDA)
MECKLENBURG	<u>DELAY CONSTRUCTION FROM FY 14 TO FY 15 AS</u>		FY 2015 -	\$2,580,000 (C)
PROJ.CATEGORY	<u>REQUESTED BY THE CITY OF CHARLOTTE TO ALLOW</u>			\$4,580,000
DIVISION	<u>ADDITIONAL TIME TO ACQUIRE RIGHTS OF WAY.</u>			

DIVISION 12

W-5311	US 321, US 321 AT SR 2416 (ROBINSON ROAD), AND US	CONSTRUCTION	FY 2015 -	\$1,900,000 (HSIP)
GASTON	321 JUST NORTH OF SR 2416. REPLACE OVERHEAD			\$1,900,000
PROJ.CATEGORY	RAILROAD BRIDGE TO ALLOW FOR CONSTRUCTION OF			
STATEWIDE	TWO-LANE, TWO-WAY ROAD FOR SR 2416, CONSTRUCT			
	RIGHT TURN LANE FOR US 321 NORTHBOUND			
	APPROACH AND CONSTRUCT TWO LIMITED MOVEMENT			
	CROSSOVERS, AND REVISE EXISTING FLASHER.			
	<u>DELAY RIGHT-OF-WAY FROM FY 14 TO FY 15 TO ALLOW</u>			
	<u>ADDITIONAL TIME FOR COORDINATION WITH</u>			
	<u>RAILROAD.</u>			

DIVISION 13

U-4700A	US 321, US 70 IN HICKORY TO US 321A	RIGHT-OF-WAY	FY 2018 -	\$50,750,000 (NHP)
CATAWBA	<u>DELAY CONSTRUCTION FROM FY 20 TO FY 21 TO</u>		FY 2019 -	\$50,750,000 (NHP)
CALDWELL	<u>ALLOW ADDITIONAL TIME FOR PLANNING. NOTE THAT</u>	MITIGATION	FY 2020 -	\$586,000 (NHP)
BURKE	<u>DUE TO THE TIME HORIZON OF THE CURRENT STIP,</u>	CONSTRUCTION	POST YR-	\$8,350,000 (HP)
PROJ.CATEGORY	<u>PROJECT IS SHOWN IN POST YEARS.</u>		POST YR-	\$61,750,000 (NHP)
STATEWIDE				\$172,186,000

* INDICATES FEDERAL AMENDMENT

Thursday, September 04, 2014

**REVISIONS TO THE 2012-2020 STIP
HIGHWAY PROGRAM
STIP DELETIONS**

DIVISION 6

B-5690	NC 410, REPLACE BRIDGE NO. 13 OVER BEAVERDAM	RIGHT-OF-WAY	FY 2020 -	\$24,000 (STPON)
COLUMBUS	SWAMP.	CONSTRUCTION	FY 2021 -	\$486,000 (STPON)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER DIVISION</u>			\$510,000
REGIONAL	<u>PROJECT.</u>			

B-5697	SR 1005 (PEACOCK ROAD), REPLACE BRIDGE NO. 126	RIGHT-OF-WAY	FY 2021 -	\$24,000 (STPOFF)
COLUMBUS	OVER GUM SWAMP.	CONSTRUCTION	FY 2022 -	\$475,000 (STPOFF)
PROJ.CATEGORY	<u>DELETE, WORK TO BE ACCOMPLISHED UNDER DIVISION</u>			\$499,000
DIVISION	<u>PROJECT.</u>			

DIVISION 9

* SF-4909G	NC 150, SR 1453 (WEST CENTER STREET EXTENSION).	RIGHT-OF-WAY	FY 2014 -	\$1,000 (HRRR)
DAVIDSON	CONSTRUCT TURN LANES.	CONSTRUCTION	FY 2015 -	\$359,000 (HRRR)
PROJ.CATEGORY	<u>PROJECT DELETED AT REQUEST OF DIVISION.</u>			\$360,000
REGIONAL				

DIVISION 13

* B-4713	SR 1381 (RABBIT HOME ROAD), REPLACE BRIDGE NO. 30	RIGHT-OF-WAY	FY 2018 -	\$45,000 (STPOFF)
BUNCOMBE	OVER NEWFOUND CREEK.	CONSTRUCTION	FY 2019 -	\$450,000 (STPOFF)
PROJ.CATEGORY	<u>DELETE, WORK WAS ACCOMPLISHED BY STATE</u>			\$495,000
DIVISION	<u>FORCES.</u>			

ADDITIONS	1 PROJECTS	\$3,200,000
MODIFICATIONS	25 PROJECTS	
DELETIONS	4 PROJECTS	\$1,864,000
	30 PROJECTS	\$1,336,000

* INDICATES FEDERAL AMENDMENT

Thursday, September 04, 2014

NCDOT September 4, 2014 Board of Transportation Agenda

SUMMARY: There are a total of 54 Agreements for approval by the Board of Transportation.

Statewide

National Railroad Passenger
Corporation
(Amtrak)

This two-year Rail Agreement provides for the annual operations to be defined in an agreement between the Department and Amtrak for rail passenger service under the name Carolinian (Trains 79 & 80) between Charlotte and Washington, D.C. This will cover all costs associated with the operation of the Carolinian including locomotive fuel, host railroad payments, and the estimated capital cost for Amtrak-owned passenger train equipment. Amtrak and Department passenger operations for Fiscal Year 2015 will total \$25,397,020 with Carolinian expenses coming to \$18,698,585 and revenues totaling \$17,088,000. This leaves an estimated cost to the Department for the period of October 1, 2014 through September 30, 2015 of \$1,610,585 for the Carolinian operation.

National Railroad Passenger
Corporation
(Amtrak)

This one-year Rail Agreement provides for the annual operations to be defined in an agreement between the Department and Amtrak for rail passenger service under the name Piedmont (Trains 73, 74, 75, and 76) between Raleigh and Charlotte. This will cover all costs associated with Amtrak's operation of the Piedmont. Amtrak and Department passenger operations for Fiscal Year 2015 will total \$25,397,020 with Piedmont expenses totaling \$6,698,435 and revenues totaling \$3,555,000. This leaves an estimated cost to the Department for the period of October 1, 2014 through September 30, 2015 of \$3,143,435 for the Piedmont operation.

Division 1

FHWA – Eastern Federal Lands
Highway Division
Dare County
B-2500 A
32635.3.FR6

This Project consists of the construction of a bridge and approach roadway in the existing NC 12 easement to replace the existing surface road and temporary bridge over the New Inlet in Dare County. Based on an Agreement with FHWA – Eastern Federal Lands Highway Division (EFLHD), the Department is responsible for all phases of the Project. EFLHD shall reimburse the Department a maximum of \$730,000 in Federal Lands Access Program (FLAP) funds and the Department will provide up to \$182,500 in state matching funds.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 2

Carolina Coastal Railway
(CLNA)
Pitt County
U-3315
35781.2.1

This Rail Agreement provides for CLNA expense for the Department's project within the operating railroad right-of-way on 9th Street and 10th Street in Greenville. The improvement at 9th Street includes the removal of the existing crossing surface and installation of a rubber rail-seal surface at milepost NS 146.96. The 10th Street improvement includes the removal of the existing crossing surface and installation of a new concrete panel crossing surface at milepost NS 146.90. The Agreement provides for encroachment by the Department on the operating railroad right-of-way. The Department will be responsible for all costs incurred by CLNA. The estimated cost is \$400,000.

City of Kinston
Lenoir County
EB-3314 D
3602.3.15

This Project consists of construction of a multiuse path at Heritage Street northwesterly to Richard Caswell Grave Road and the Governor Caswell Memorial in Kinston. This Supplemental Agreement is to expand the scope to include a multiuse path beginning at Heritage Street northwesterly to Atlantic Avenue and Nelson Street, increase the funding and add a completion date for the Project. The Department's original participation was \$601,088. The Department agrees to participate with an additional \$74,770 of enhancement funds and \$250,000 of contingency funds for a total of \$925,858. The completion date for all work is five (5) years after the initial authorization of Federal funding.

Division 3

City of Jacksonville
Onslow County
36247.3.4

This Municipal Operations Agreement (Schedule C) consists of the operation of the traffic signals at certain intersections on the State Highway System within or near the City of Jacksonville. The Department shall reimburse the Municipality based on an annual approved amount of applicable traffic control devices utilized for the operation and maintenance of the system.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 3 - cont.

City of Jacksonville
Onslow County
36247.3.4

This Municipal Operations Agreement (Schedule D) provides for the operation of the computerized traffic signal system as indicated in the Agreement. The Municipality shall install, repair and maintain highway signs and markings, electric traffic signals and other traffic control devices on the State Highway System Streets located within the Municipality. The Department shall be invoiced for the approved cost of the installation, repair and/or maintenance as per the Agreement.

Division 4

City of Rocky Mount
Nash County
C-5548
51018.1.F1
51018.3.F1

This Project consists of construction of sidewalk along certain streets in Rocky Mount. This Supplemental Agreement is to revise the scope to construct sidewalk along Benvenue Street, Tarboro Street, Falls Road, Franklin Street, Leggett Road and Church Street in Rocky Mount. The Supplemental Agreement also extends the completion date of the Project to be completed within five (5) years of authorization of Federal funding.

Division 5

Town of Apex
Wake County
U-5118 AF
42379.1.FD31
42379.2.F31
42379.3.FD31

This Project consists of additional turn lanes at the intersection of Kelly Road at Olive Chapel Road and the extension of sidewalk along the west side of Kelly Road from Evening Star Drive to Olive Chapel Road. The Project also includes construction of southbound right turn and left turn lanes as well as a northbound right turn lane on Kelly Road and a westbound right turn lane on Olive Chapel Road in Apex. The Municipality is responsible for all phases of the Project. The Department shall reimburse eighty percent (80%) of eligible expenses up to \$400,000 from STP-DA funds. The Municipality will be responsible for providing the twenty percent (20%) matching funds, or \$100,000 for the STP-DA funds authorized and all costs that exceed the total estimated cost.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 5 – cont.

City of Durham
Durham County
U-3308
34915.3.FR1

This Project consists of improvements on NC 55 (Alston Avenue) from NC 147 (Buck Dean Freeway) to north of US 70 Bus/NC 98 (Holloway Street), including sidewalk from the NC 147 EB Ramp to US 70 Bus/NC 98 in Durham. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project, and acquire any needed right of way. The Municipality shall relocate and adjust any municipally-owned utilities.

Town of Knightdale
Wake County
EL-5100 CD
41821.3.42

This Project consists of the installation of approximately 2,100 linear feet of 5-foot sidewalk on the east side of Smithfield Road between Carrington Drive and Edinburghs Keep Drive in Knightdale. This Supplemental Agreement is to include a pedestrian crossing at Knightdale Boulevard. The Department's original participation was \$235,900. The Department agrees to reimburse the Municipality 50% of additional charges up to an additional \$74,931 of Transportation Enhancement funds. The Municipality will provide 50% matching funds and all costs over the estimated amount.

Town of Holly Springs
Wake County
B-4659
38456.3.FD1

This Project consists of replacing Bridge No. 373 over Basal Creek on SR 1393 (Bass Lake Road), including a sidewalk in Holly Springs. The Department is responsible for all phases of the work. The Municipality will pay 30% of the cost associated with new sidewalk. The estimated cost of the sidewalk is \$15,384. The estimated cost to the Municipality is \$4,615.

CSX Transportation, Inc.
(CSXT)
Wake County
P-5500
44092

On October 2, 2009, the Department and CSXT entered into a Railroad Master Construction Agreement which detailed the terms and conditions by which CSXT would construct various rail improvements within the State of North Carolina. This Addendum #5 to the Master Construction Agreement covers the grading and crash wall construction for the relocated CSXT "S-Line" associated with the improvements to the new Raleigh Union Station. The Department shall perform the design work, obtain the permits, and acquire any needed right-of-way. At the request of the Department, CSXT shall perform all of the construction work. The Department shall reimburse CSXT 100% of the actual eligible cost. The estimated cost of the project is \$1,700,000.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 6

CSX Transportation, Inc.
(CSXT)
Robeson County
P-4900
41099

On September 12, 2012, the Department and CSXT entered into a Memorandum of Understanding (MOU) for a joint initiative to construct a new track from CSXT's "A-Line" beginning at milepost A 240.15 and tying into the "SE-Line" at milepost SE 287.66, to construct a crossing of Union Chapel Road, and to relocate the Jones Road at-grade crossing. Due to a change in CSXT's responsibilities, the MOU executed on September 12, 2012, will be superseded by this MOU. This MOU details revisions that allow CSXT to construct, or to have constructed, the track component of the project work and to obtain a permanent and exclusive easement over the new track.

County of Harnett
U-3465
39017.3.FD1

This Project consists of roadway improvements and widening to SR 1121 (Ray Road) from NC 210 to SR 1120 (Overhills Road) in Harnett County. At the request of the County, additional work will be included for a sidewalk on Ray Road within the Project limits. The Department is responsible for all phases of the Project. The Fayetteville Area Metropolitan Planning Organization (FAMPO) will provide funding for sidewalk construction using State Transportation Program Direct Attributable (STP-DA) funds. The total estimated cost of the sidewalk construction is \$360,288. FAMPO will provide 80% STP-DA funds (\$288,230) and the Department will provide the remaining 20% (\$72,058) matching state funds.

Division 7

Norfolk Southern Railway
Company (NS)
North Carolina Railroad
Company (NCRR)
Guilford County
P-5204
52400.3.STR01T4

This Rail Agreement provides for grade separation of the at-grade crossing of McLeansville Road (SR 2819) (Crossing No. 722 976R, MP H 8.02). The Department will perform all work associated with the grade separation and the maintenance of the structure will be the responsibility of the Department. The estimated cost to the Department is \$1,608,832.

Norfolk Southern Railway
Company (NS)
North Carolina Railroad
Company (NCRR)
Guilford County
P-5204
52400.3.STR01T4

This Rail Agreement provides for the permanent closures of the at-grade crossings on McLeansville Road (SR 2819) (Crossing No. 722 976R, MP H 8.02), and Carmon Road (SR 2755) (Crossing No. 722 978E, MP H 9.09). The Department will perform all work not on railroad right-of-way. NS will perform all work within railroad right-of-way. NS will contribute \$76,000 to the cost of these closures. The estimated cost to the Department is \$4,217,000.

NCDOT September 4, 2014 Board of Transportation Agenda

City of Greensboro
Guilford County
C-5555 A
45540.3.1

This Project consists of the installation of sidewalk along various sections of roadway in Greensboro. This Supplemental Agreement is to reduce the scope of the Project to sidewalk on JJ Drive, McConnell Road, Vandalia Road, West Friendly Avenue and West Wendover Avenue in Greensboro and to the extend the completion date for pre-construction activities to September 15, 2014 in lieu of February 28, 2014.

City of High Point
Guilford County
U-3615B
34962.3.FD1

This Project consists of improvements on SR 1820 (Skeet Club Road) from east of SR 1818 (Johnson Street) to west of NC 58 (Eastchester Drive) in High Point. The Municipality shall reimburse the Department fifty percent (50%) of the actual cost of the work associated with the construction of sidewalks within the corporate limits. The total estimated cost of the sidewalks is \$523,090. The estimated cost to the Municipality is \$261,545.

Division 8

City of High Point
Randolph County
B-5114
42252.3.FR1

This Project consists of the replacement of Bridge No. 136 over US 29-70/I-85 Business on SR 1619 (Prospect Street) in Randolph County. The Department shall prepare the environmental and/or planning document, project plans and specifications, construct the project and acquire any needed right of way. The Municipality shall relocate and adjust any municipally-owned utilities.

Town of Pittsboro
Chatham County
ER-2971H
3608.3.07

This Project consists of construction of sidewalk along SR 1967 (Pittsboro Elementary School Road) in Pittsboro. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$26,400. Costs which exceed this amount shall be borne by the Municipality.

City of Asheboro
Randolph County
ER-2971H
3608.3.08

This Project consists of construction of sidewalk along SR 1451 (South Park Street) in Asheboro. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$15,440. Costs which exceed this amount shall be borne by the Municipality.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 8 – cont.

Aberdeen, Carolina & Western
Railway Company (ACWR)
Moore County
15-RF-001
80000.1.4.1

This Rail Agreement provides for approval of payment of state grant funds for ACWR to improve infrastructure, health, safety, and operating efficiency of the rail corridor. The specific projects funded by the grant include material and labor to lay welded rail between mileposts 35.5-37.0 and 45.8-49.4. The Department shall participate in the project to the extent of 50% of the total project costs or up to \$800,725, whichever is less. The Department's participation in the project costs will be funded from the (FRRCSI) fund. As a condition of the award of funds, ACWR and the Department shall enter into a contingent interest agreement and instrument of indebtedness to secure a lien on the project assets for (5) years.

City of Archdale
Randolph County
ER-2971H
3608.3.09

This Project consists of construction of sidewalk along US 311 (North Main Street) in Archdale. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$16,800. Costs which exceed this amount shall be borne by the Municipality.

Town of Mount Gilead
Montgomery County
ER-2971H
3608.3.10

This Project consists of construction of sidewalk along NC 73 (North Main Street) in Mount Gilead. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$119,040. Costs which exceed this amount shall be borne by the Municipality.

City of Sanford
Lee County
ER-2971H
3608.3.11

This Project consists of construction of sidewalk along US 421/NC 42 (Horner Boulevard) in Sanford. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$112,040. Costs which exceed this amount shall be borne by the Municipality.

City of Sanford
Lee County
ER-2971H
3608.3.12

This Project consists of construction of sidewalk along SR 1514 (Bragg Street) and SR 1519 (Nash Street) in Sanford. The Municipality shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs of the Project in an amount not to exceed \$168,632. Costs which exceed this amount shall be borne by the Municipality.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 9

City of Lexington
Davidson County
C-5208
48019.3.1

This Project consists of the acquisition of (2) hybrid refuse vehicles to replace (2) conventional refuse vehicles. The Municipality is responsible for all phases of the Project. The Department shall reimburse eighty percent (80%) of eligible expenses up to \$284,000 from Congestion Mitigation and Air Quality (CMAQ) funds. The Municipality will be responsible for providing the twenty percent (20%) matching funds or \$71,000 for the CMAQ funds authorized and all costs that exceed the total estimated cost.

Town of Mocksville
Davie County
EB-5005
41118.3.FD1

This Project consists of the construction of the Rich Park Greenway in Mocksville. The Municipality is responsible for all phases of the Project. The Department shall reimburse one hundred percent (100%) of eligible expenses up to \$1,200,000 from Transportation Enhancement (TE) funds and state matching funds. The Municipality will be responsible for all costs that exceed the total funding amount.

Winston-Salem Forsyth County
City/County Utilities
Forsyth County
U-2925
34892.2.2

This Project consists of improvements on Salem Creek Connector from SR 4326 (Rams Drive) to SR 4325 (Martin Luther King Jr. Drive) in Forsyth County. At the request of the Municipality, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate municipally owned water and sewer lines. The Municipality shall reimburse the Department the entire cost of the utility work. The estimated cost to the Municipality is \$212,420.

Division 10

City of Locust
Stanly County
ER-2967 J
3610.3.03

This Project consists of construction of a sidewalk along the northbound side of NC 200 from 24/27 to Lions Club Drive in Stanly County. This Supplemental Agreement is to increase the funding for the Project. The Department's original participation was \$100,000. The Department agrees to reimburse the Municipality an additional \$75,000 of Transportation Enhancement funds.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 10 – cont.

Gladys H. Doster, Michael J.
Caudle, Janelle Nicole
Gingrich-Caudle
Town of Harrisburg
Cabarrus County
P-4405 EA
42412.3.8

This Driveway Access Agreement is for the construction of an alternate access roadway to the Doster/Caudle property in order to mitigate the closing of the private at-grade crossing, Crossing No. 715 329N MP363.28. The Department shall construct the project contingent on the permanent closure of the private crossing. This Agreement will supersede an agreement executed between Gladys Doster and the Department on May 10, 2011, and approved by the Board of Transportation in November 2010. Estimated cost of the project is \$350,000.

City of Charlotte
Mecklenburg County
17BP.10.R.50

This Project consists of construction of a 2-lane bridge replacement with (2) 11' travel lanes and (2) 4' paved shoulders on Bridge No. 81 on Hucks Road in Mecklenburg County. The Municipality has requested the bridge be widened to a total width of 51' to accommodate future bike lanes, curb and gutter and 8' sidewalks. The Department shall prepare the environmental and/or planning document, Project plans and specifications, construct the Project and acquire any needed right of way. At the request of the Municipality, the Department shall include in its contract the construction of additional bridge width, sidewalk and curb and gutter. The Municipality shall reimburse the Department 100% of the actual cost of the work. The estimated cost of the additional work is \$208,100.

Norfolk Carolina Railroad
Company
Norfolk Southern Railway
Company
Cabarrus County
B-5136
42295.1.1
39929.3.1

This Project consists of replacing Bridge No. 66 and 69 on US 29/601 (Concord Parkway) beginning at Station 20+46.56-L- and ending at Station 23+02.31-L- in Cabarrus County. The Company and Railroad shall provide right of way for proposed work, furnish all labor, material, tools and equipment and to perform all work required to make changes in its alignment, location or elevation of telephone, pipe and signal lines over and/or under its right of way and construct the overheads. The Department shall prepare plans and specifications for the proposed overhead work, acquire all rights of way necessary for the construction of the proposed work and furnish all labor, materials, tools and equipment to construct the proposed work, except work performed by the Company and Railroad. The Department shall reimburse the Company and Railroad for work performed in accordance with the plans and the force account estimate.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 10 – cont.

City of Charlotte
Mecklenburg County
U-5507 A
45477.2.1
45477.3.1

This Project consists of construction of the northwest part of the Prosperity Village Thoroughfare from the I-485 westbound on-ramp and eastbound off-ramp in the Prosperity Village area to Ridge Road extension in Mecklenburg County. This Supplemental Agreement will reallocate unused funds from U-5507A to U-5507B and decrease funding for U-5507A. The Department agrees to reimburse the Municipality a total of \$1,133,260 in lieu of \$2,100,000 of STP-DA funds.

City of Charlotte
Mecklenburg County
U-5507 B
45477.2.2
45477.3.2

This Project consists of construction of the northwest part of the thoroughfare from the termini of U-5507 A to existing Prosperity Church Road in Mecklenburg County. This Supplemental Agreement will reallocate unused funds from U-5507A to U-5507B and increase funding for U-5507B. The Department agrees to reimburse the Municipality a total of \$3,666,740 in lieu of \$2,700,000 of STP-DA funds. The Municipality will provide \$241,685 as their local match.

Siemens Energy, Inc. (Siemens)
Mecklenburg County
11-IN-003
80000.3.3.15

This Supplemental Rail Agreement provides for approval of an increase in the Department's participation in the project costs of Siemens' construction of rail improvements at its new gas turbine plant in Charlotte. The Department and Siemens executed a Rail Industrial Access Agreement on March 5, 2012, in which the Department agreed to contribute 45% or up to a total of \$150,000, whichever is less, toward project costs. To date, Siemens has received \$150,000. This Supplemental Agreement authorizes the Department to contribute 45% or up to a total expenditure of \$400,000 (an additional contribution of up to \$250,000), whichever is less, toward project costs. The Department's additional participation in the project costs will be funded from the State's Freight Rail and Rail Crossing Safety Improvement (FRRCSI) fund.

Town of Harrisburg
Cabarrus County
P-5208F
50000.3.STR06T4D

This Rail Agreement provides for the design cost for adding a sidewalk on the proposed bridge of relocated SR 1173 (Caldwell Road) located on the new overpass of Norfolk Southern / North Carolina Railroad tracks in Harrisburg. The Municipality will reimburse the Department \$22,083 for the estimated cost of the sidewalk.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 11

Town of North Wilkesboro
County of Wilkes
R-2603
36001.3.FR1

This Project consists of improvements on NC 268 from multi-lanes east of NC 18 to SR 1966 in Wilkes County. The Department shall be responsible for all phases of the Project. At the request of the Municipality and the County, the Department shall include in its contract the construction of sidewalks. The Municipality and the County shall each reimburse the Department (20%) of the actual cost of the sidewalks. The total estimated cost for the sidewalk within the Municipality is \$244,253. The Municipality shall reimburse the Department \$48,851. The total estimated cost for the sidewalk within the County is \$30,767. The County shall reimburse the Department \$6,153.

County of Alleghany
ER-2973 K
3711.3.19

This Project consists of the landscape design and plantings on US 21 near the Alleghany County Fairgrounds and on SR 1206 at the Sparta Veterans Park in Alleghany County. The Department shall develop the landscape design, prepare plans and site and install the plantings. The County shall assume maintenance of the plantings at the end of a one-year establishment period.

Division 11 & 12

Caldwell County Railroad
Company (CWCY)
Caldwell Railroad Commission
(CRC)
Caldwell & Catawba Counties
15-RF-006
80000.1.4.6

This Rail Agreement provides for approval of payment of state grant funds for CWCY to improve infrastructure, health, safety, and operating efficiency of the rail corridor. The specific projects funded by the grant include replacement of 917 cross ties and switch ties and removal of rail turnouts along 16 miles of the line between Hickory and Lenoir. The Department shall participate in the project to the extent of 50% of the total project costs or up to \$50,000, whichever is less. The Department's participation in the project costs will be funded from the State's Freight Rail & Rail Crossing Safety Improvement (FRRCSI) fund. As a condition of the award of funds, the CRC and the Department shall enter into a contingent interest agreement and instrument of indebtedness to secure a lien on the project assets for five (5) years.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 12

City of Lincolnton
Lincoln County
C-5532
45507.1.F1
45507.2.F1
45507.3.F1

This Project consists of pedestrian improvements at the intersection of Generals Boulevard and East Main Street in Lincolnton. The Municipality is responsible for all phases of the Project. The Department shall reimburse eighty percent (80%) of eligible expenses up to \$465,000 from Congestion Mitigation and Air Quality (CMAQ) funds. The Municipality will be responsible for providing the twenty percent (20%) matching funds or \$116,250 for the CMAQ funds authorized and all costs that exceed the total estimated cost.

Town of Troutman
Iredell County
EB-5532
50047.3.1

This Project consists of construction of the North Main Street Greenway/Sidewalk from Old Murdock Road to SR 1005 (Old Mountain Road) in Troutman. The Municipality is responsible for all phases of the Project. The Department shall reimburse one hundred percent (100%) of eligible expenses up to \$430,000 from Transportation Enhancement (TE) funds and state matching funds. The Municipality will be responsible for all costs that exceed the total estimated cost.

City of Gastonia
Gaston County
C-5566
50110.3.F1

This Project consists of implementing a GPS/Automatic Vehicle Locator Program for the City of Gastonia's fleet in Gaston County. The Municipality is responsible for all phases of the Project. The Department shall reimburse eighty percent (80%) of eligible expenses up to \$192,000 from Congestion Mitigation and Air Quality (CMAQ) funds. The Municipality will be responsible for providing the twenty percent (20%) matching funds, or \$48,000 for the CMAQ funds authorized and all costs that exceed the total estimated cost.

City of Gastonia/Two Rivers
Utilities
Gaston County
17BP.12.R.10

This project consists of bridge replacement on SR 2416 (Robinson Road) in Gaston County. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated cost to the Agency is \$68,240.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 12 – cont.

City of Gastonia/Two Rivers
Utilities
Gaston County
17BP.12.R.9

This project consists of bridge replacement on SR 1136 (Davis Park Road) in Gaston County. At the request of the Agency, the Department shall include provisions in the construction contract for the contractor to adjust and/or relocate water lines. The Agency shall reimburse the Department the entire cost of said utility work. The estimated cost to the Agency is \$53,701.

FHWA – Eastern Federal Lands
Highway Division and
Cleveland County
EB-5546
50140.1.F1
50140.3.F1

This Project consists of the construction of the remaining three (3) miles of Gateway Trail from Galilee Church Road to Crowder's Mountain State Park in Cleveland County. Based on an Agreement with FHWA – Eastern Federal Lands Highway Division (EFLHD) and Cleveland County, the County will construct, maintain, and operate the facility. EFLHD shall reimburse the Department and the County a maximum of \$506,000 in Federal Lands Access Program (FLAP) funds and the County will provide up to \$124,000 in matching funds.

Division 13

Southeast Shortlines, Inc., d/b/a
Thermal Belt Railway (TBRY)
Rutherford Railroad
Development Corporation
(RRDC)
Rutherford County
15-RF-010
80000.1.4.11

This Rail Agreement provides for approval of payment of state grant funds for TBRY to improve infrastructure, health, safety, and operating efficiency of rail corridor. The specific project funded by the grant is the installation of a new 475-foot siding at milepost 404 and related improvements to serve an expanding transload customer. The Department shall participate in the project to the extent of 50% of the total project costs or up to \$58,688, whichever is less. The Department's participation in the project costs will be funded from the State's Freight Rail & Rail Crossing Safety Improvement (FRRCSI) fund. As a condition of the award of funds, the RRDC and the Department shall enter into a contingent interest agreement and instrument of indebtedness to secure a lien on the project assets for five (5) years.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 13 – cont.

City of Asheville
Buncombe County
I-5501
46292.3.FS1

This project consists of improvements on I-26/NC 280 Interchange in Asheville. This Supplemental Agreement is to modify the original funding. The Municipality's original participation was \$164,000. The Municipality agrees to reimburse the Department an additional \$32,900. The costs are for relocation and adjustment of water lines. The adjusted total estimated cost to the Municipality is \$196,900.

Division 14

Great Smoky Mountains
Railroad (GSMR)
Swain & Jackson Counties
15-RF-014
44246

This Rail Agreement provides for approval of payment of state grant funds for GSMR to improve infrastructure, health, safety, and operating efficiency of rail corridor. The specific projects funded by the grant include installation of new crossties, rail, turnouts, and participation in the cost of the railroad's annual bridge inspection program. Project work will be completed in the following areas: mileposts 55-56 (rail), 58 (rail), 59 (rail), 47.5-86.6 (ties), and 47-99 (bridge inspection). The Department shall participate in the project to the extent of 50% of the total project costs or up to \$249,232, whichever is less. The Department's participation in the project costs will be funded from the State's Short Line Infrastructure Assistance Program. As a condition of the award of funds, the GSMR and the Department shall enter into a contingent interest agreement and instrument of indebtedness to secure a lien on the project assets for five (5) years.

FHWA – Eastern Federal Lands
Highway Division
Jackson County
B-4472
38378.3.1

This Project consists of removal and replacement of Bridge # 80 on NC SR 1737 and reconstruction of roadway on NC SR 1743 to provide access to Nantahala National Forest in Jackson County. Based on an Agreement with FHWA – Eastern Federal Lands Highway Division (EFLHD), EFLHD is responsible for all phases of the Project. A maximum of \$1,665,000 in Federal Lands Access Program (FLAP) funds will be expended on the Project and the Department will provide up to \$405,000 in state matching funds.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 14 – cont.

FHWA – Eastern Federal Lands Highway Division Transylvania County B-5554 46312.1.F1 46312.2.F1 46312.3.F1	This Project consists of removal and replacement of Bridge # 73 on NC 215 to provide access to Pisgah National Forest in Transylvania County. Based on an Agreement with FHWA – Eastern Federal Lands Highway Division (EFLHD), the Department is responsible for all phases of the Project. EFLHD shall reimburse the Department a maximum of \$609,200 in Federal Lands Access Program (FLAP) funds and the Department will provide up to \$149,300 in state matching funds.
FHWA – Eastern Federal Lands Highway Division Transylvania County B-5555 46313.1.F1 46313.2.F1 46313.3.F1	This Project consists of removal and replacement of Bridge # 46 on NC 215 to provide access to Pisgah National Forest and reconstruction of a new wider bridge in Transylvania County. Based on an Agreement with FHWA – Eastern Federal Lands Highway Division (EFLHD), the Department is responsible for all phases of the Project. EFLHD shall reimburse the Department a maximum of \$731,000 in Federal Lands Access Program (FLAP) funds and the Department will provide up to \$179,000 in state matching funds.
FHWA – Eastern Federal Lands Highway Division Swain County R-5529 55067.1.F1 55067.3.F1	This Project consists of construction of a helipad and approach, lighting and landscaping for the helipad in Nantahala National Forest in Swain County. Based on an Agreement with FHWA – Eastern Federal Lands Highway Division (EFLHD) and Swain County, the Department is responsible for all phases of the Project. EFLHD shall reimburse the Department a maximum of \$45,600 in Federal Lands Access Program (FLAP) funds and the County will provide \$11,400 in local matching funds.

NCDOT September 4, 2014 Board of Transportation Agenda

SUMMARY: There are a total of 32 Agreements for informational purposes only.

Division 1

Dare County Board of Commissioners Dare County 44226	This Project consists of construction of a gravel trail and an elevated wooden trail extending from the NC Department of Transportation Roanoke Island Rest Area to SR 1188 (Toler Road) in Dare County. The Department is responsible for all phases of the Project and shall participate in the actual engineering and construction costs of the Project. The estimated cost is \$63,000.
UNC Coastal Studies Institute Dare County 44226	This Project consists of construction of a gravel trail and an elevated wooden trail extending from SR 1134 (Skyco Road) to the campus of the UNC Coastal Studies Institute in Dare County. The Department is responsible for all phases of the Project and shall participate in the actual engineering and construction costs of the Project. The estimated cost is \$40,000.
US Army Corps of Engineers Camden County	This Special Lease Agreement is to lease land for the construction, operation and maintenance of a Welcome Center to include bulkhead, walkways, pier and docks at the Atlantic Intracoastal Waterway Dismal Swamp Canal in Camden County.

Division 2

Town of Emerald Isle Carteret County	This Special Lease Agreement is to lease 0.73 acres of Department right of way to the Municipality for public uses in Carteret County. The property is located on the south side of NC 58 in Emerald Isle. The Municipality will be responsible for maintenance, utilities and installation of improvements.
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Division 3

City of Clinton Sampson County 44208	This Project consists of the installation of 5-ft concrete sidewalks, curb ramps and drainage modifications to connect existing sections of sidewalk located between Butler Avenue School and Sunset Avenue School in Clinton. The Department is responsible for all phases of the Project. The Department shall participate in the actual Project cost up to a maximum amount of \$128,000. The Municipality will be responsible for maintenance of the sidewalks on completion of the Project
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NCDOT September 4, 2014 Board of Transportation Agenda

Division 3 – cont.

Bailey and Associates, Inc.
Onslow County
35801.3.1

This Project consists of modification of a planned median section to provide a signalized full movement crossover with corresponding deceleration lanes, located at the intersection of SR 1406 (Piney Green Road) and Country Club Drive in Onslow County. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department. The estimated cost is \$260,000.

City of Wilmington
New Hanover County
EB-5544
45844.3.1

This Project consists of the extension of bike/pedestrian facilities beginning at South 17th Street and John Barry Drive with the terminus at the entrance to Wade Park in Wilmington. This Supplemental Agreement extends the completion date for the Project to June 30, 2015 in lieu of December 31, 2014.

Town of Atkinson
Pender County
3603.3.28

This Project consists of the construction of a 6 foot sidewalk and ADA upgrades along NC 11/53 beginning east of Rankin Street to Stringfield Street in Atkinson. The Department shall be responsible for all phases of the Project. The Municipality shall assume all maintenance and liability responsibilities for the Project.

Market Street Ventures LLC
New Hanover County
36249.3.FD2

The Project consists of adding a left over lane from Y7A onto parcel 130A on SR 1175 (Kerr Avenue) in New Hanover County. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department one hundred percent (100%) of the actual cost of all work performed by the Department. The estimated cost is \$53,000.

Division 4

Town of Smithfield
Johnston County
4.105115

This Maintenance Agreement is for the “routine” and/or “clean up” mowing of the State maintained roadways within the corporate limits of Smithfield. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department shall reimburse the Municipality up to \$3,258.09 for completion of the yearly mowing cycle.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 4 – cont.

Town of Princeton
Johnston County
4.205115

This Maintenance Agreement is for the “routine” and/or “clean up” mowing of the State maintained roadways within the corporate limits of Princeton. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department shall reimburse the Municipality up to \$367.69 for completion of the yearly mowing cycle.

Joseph S. Sheetz
Johnston County
36249.3384

This Project consists of modifying the existing signal at the intersection of US 70 Business and NC 42/SR 1589 (Rose Street) and modifying the Eastbound US 70 Business approach to provide a separate right turn lane and associated right turn overlap phase. The Developer shall reimburse the Department 100% of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$5,000.

County of Pender
Pender Volunteer Fire and
Rescue, Inc.
Pender County
44241

This Project consists of driveway access for the new Pender Fire & Rescue station located on US-17, 2.5 miles from I-140 toward NC 210 in Pender County. The Department shall participate in the actual construction costs up to a maximum amount of \$25,000. Costs which exceed this amount shall be borne by the County and/or Fire Department.

Town of Holly Ridge
Onslow County
3.106715
3.206715

This Project covers the “routine” and/or “clean up” mowing of the State maintained roadways within the corporate limits of Holly Ridge. The Municipality shall provide the equipment, labor, materials and traffic controls to perform said mowing service. The Department shall reimburse the Municipality up to \$2,047.64 upon completion of the mowing cycle.

City of Rocky Mount
Nash County
C-5546
51016.1.F1
51016.3.F1

This Project consists of widening the westbound approach of Jeffrey’s Road in order to add a thru-right lane at the signalized intersection with Benvenue Road in Rocky Mount. This Supplemental Agreement is to extend the completion date of the Project to be completed within three (3) years of authorization of Federal funding.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 5

Town of Wake Forest
Wake County
42379.3.FD29

This Project consists of the installation of a traffic signal at the intersection of SR 2052 (Rogers Road) and Marshall Farm Road in Wake Forest. The Department shall be responsible for all phases of the Project. The Municipality shall reimburse the Department \$55,000 upon execution of the Agreement by the Municipality.

BH-Marquee Station, LLC
Wake County
36249.3370

This Project consists of the installation of a new traffic signal at the intersection of US 401 at SR 1404 (Mill Creek Drive/Ideal Lane) in Wake County. The Developer shall reimburse the Department (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$5,000.

David Weekly Homes
Durham County
36333.3.FD4

This Project consists of additional widening for a turn lane at the proposed Montclair subdivision and the replacement of two crossline pipes in Durham County. The Department shall be responsible for all phases of the Project. The Developer shall reimburse the Department \$108,000 upon execution of the Agreement by the Developer.

Division 6

Fayetteville Retail Investments,
LLC
Cumberland County
36249.3379

This Project consists of the installation of a traffic signal on US 301/I-95 Business at Ivan Drive/Retail Center Driveway and providing roadway improvements including turn lanes, thermoplastic pavement markings and roadway signs in Cumberland County. The Developer shall reimburse the Department (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$10,000.

Bladen County
40226.1.1

This Project consists of placing fly ash and non-contaminated waste soil on the closed Bladen County Landfill. The fly ash and waste soil is currently located within the proposed right of way of TIP R-4903 and will be relocated to construct an interchange on NC 87 at US 701. This will be a cost savings to the Department due to the short haul distance for the waste soil and eliminates the disposal cost of the fly ash is estimated at \$150,000.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 7

City of Greensboro
Guilford County
EL-5101 DJ
41823.1.2

This Project consists of developing the environmental document and construction design of the Phase 2 portion of the Downtown Greenway in Greensboro. This Supplemental Agreement is to extend the completion date to April 30, 2015 in lieu of September 30, 2014.

Paliouras Enterprises, LLC
Orange County
36249.3383

This Project consists of signal upgrades at the intersection of NC 86 at Hampton Pointe and the NC 86 at I-85 Southbound Ramp in Orange County. The Developer shall reimburse the Department 100% of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$5,000

Division 8

County of Moore
8C.063085

This Project consists of paving with asphalt the access bays of the Glendon Carthage Fire/Rescue Facilities in Moore County. The County shall be responsible for all phases of the Project. The Department shall participate in the actual construction costs in an amount not to exceed \$25,000. Costs which exceed this amount shall be borne by the County and/or the District.

Division 9

Village of Clemmons
Forsyth County
36249.2534

This Project consists of the installation of an optically actuated emergency vehicle traffic signal pre-emptive device at the intersections of Lewisville Road at Peace Haven and Lewisville Road at US 158 in Clemmons. This Supplemental Agreement modifies the original scope to expand the coverage of the existing pre-emption devices to include additional coverage. The Village shall reimburse the Department 100% of the actual cost of the additional work. The estimated cost to the Village is \$3,500.

Division 10

Line Nation Worldwide, Inc.
Mecklenburg County
36249.3385

This Project consists of the installation of ground mounted directional signs from I-85 northbound to PNC Music Pavilion in Mecklenburg County. The Developer shall reimburse the Department (100%) of the actual cost of the work performed by the Department. The estimated cost of the work is \$28,340.40.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 10 – cont.

M/I Homes, Inc.
Union County
17BP.10.R.50

This Project consists of the addition of sidewalk to Bridge No. 890262 replacement Project on Stevens Mill Road (SR 1524) 0.3 miles south of its intersection with Idlewild Road (SR 1501) in Union County. The Department is responsible for all phases of the Project. The Developer shall reimburse the Department 100% of the actual cost of the work. The estimated cost to the Developer is \$10,593.

City of Charlotte
Mecklenburg County
45340.3.FS13

This Project consists of the installation of an additional right- turn lane and traffic signalization at the intersection of I-77 NB Ramp and Sunset Road (Exit 16A) in Charlotte. The Department shall prepare the plans, relocate and adjust any utilities in conflict with the Project, acquire any right of way and construct and administer the roadway construction contract. The Municipality shall prepare the traffic signal design, install and furnish the traffic signal equipment and the Department will reimburse the Municipality in an amount not to exceed \$59,500.

Division 11

Sam Walton Development
Complex
Caldwell County
36249.3380

This Project consists of extending a left turn lane on SR 1160 (Mount Herman Road) at US 321 requiring the installation of new signal loops, stop bar and possible adjustment of traffic signal heads in Caldwell County. The Developer shall reimburse the Department (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$5,000.

Watauga County
EB-5612
56026.1.1
56026.3.1

This Project consists of a 0.1 mile multi-use greenway underpass beneath Highway 421 in Watauga County. This Supplemental Agreement is to extend the completion date for pre-construction activities to March 31, 2015 in lieu of December 31, 2014 and to extend the completion date of the Project to December 31, 2015 in lieu of July 31, 2015.

NCDOT September 4, 2014 Board of Transportation Agenda

Division 12

Town of Mooresville
Iredell County
44234

This Project consists of construction of the Cornelius/Mazeppa connector between the existing intersections of Mazeppa Road (SR 2395) and NC 115 and the intersection of Cornelius Road (SR 1302) and NC 21 in Iredell County. The Municipality is responsible for all phases of the Project. The Department shall participate in actual construction costs in an amount not to exceed \$750,000. Costs which exceed this amount shall be borne by the Municipality.

Division 13

Quality Oil
Burke County
36249.3382

This Project consists of design review and inspection of the addition of a 4th leg at the intersection of NC 18 and the I-40 exit 105 eastbound ramp in Burke County. The Developer shall reimburse the Department (100%) of the actual cost of said work. The estimated reimbursement to the Department for review and inspection is \$15,000.

Division 14

Swain County Public Schools
Swain County
36249.3381

This Project consists of the installation of flashers on the existing school speed limit signs along Fontana Road near Swain County High School in Swain County. The Department shall prepare the project plans, obtain any needed permits and construct the Project. The Agency shall relocate and adjust all utilities, acquire any right of way and/or construction easements and reimburse the Department 100% of the Project cost. The estimated Project cost is \$15,000.

NCDOT September 2014 Board of Transportation Agenda

Approval of Municipal Street System Changes

There will be no municipal street system changes presented for approval at the September 2014 Board meeting.

NCDOT September 2014 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Preliminary Right of Way Plans	R-1 & R-2
2	Final Right of Way Plans	R-3
3	Revisions of Final Right of Way Plans	R-4 & R-5
4	Approval of Conveyance of Highway Right of Way Residue	R-6
5	Approval of Conveyance of Surplus Highway Right of Way	R-7
6	Advance Acquisition of Highway Right of Way	R-8

Preliminary Right of Way Plans

The Preliminary Right of Way Plans for the below projects, including Secondary Roads and Industrial Access Roads, provide for the construction, design, drainage and control of access as shown on the respective plans.

Based upon the recommendations of the Manager of the Right of Way Unit, the Board finds that such rights of way as shown on these preliminary plans and drawings, including existing public dedicated right of way, are for a public use and are necessary for the construction of said projects.

The rights of way for the location, construction, relocation, and control of access of highways embraced in the below projects shall be as shown in detail on the preliminary right of ways plans and drawings for said projects on file in the Right of Way Branch in the Department of Transportation in Raleigh.

The Board finds such right of way acquisition to be necessary and hereby authorizes the Right of Way Branch to acquire right of way on the below projects either by negotiation or by condemnation through the Attorney General's Office.

(Division 6)

Cumberland County; I.D. No. W-5514; Project No. 44102.2.FS1:
SR 1007 (Owen Drive) from Walter Reed Road to US 301/Business 95

Cumberland County; I.D. No. W-5206AE; Project No. 45336.2.FD31:
SR 1104 (Strickland Bridge Road) from South of SR 3365 (Hackney Loop) to just South of SR 1109 (Dundle Road) in Fayetteville

Robeson County; I.D. No. P-4900; Project No. 41099.2.S1:
Railroad Bypass of Pembroke to allow North to South shipments to turn East

Harnett County; I.D. No. W-5206AJ; Project No. 45336.2.FD36:
NC 210 at SR 2215 (Harnett Central Road) and SR 2215 from NC 210 to Harnett Central Middle School driveway

(Division 9)

Davidson County; I.D. No. B-3159; Project No. 38331.2.FR1:
Bridge No. 27 over US 29-64-70/I-85 Business Loop on US 52/NC 8

Preliminary Right of Way Plans (cont'd)

(Division 9 continued)

Rowan County; I.D. No. W-5313; Project No. 46136.2.FD:

SR 1221 (Old Beatty Ford Road) from SR 1337 (Lentz Road) to SR 2335 (Lower Stone Church Road)

(Division 11)

Alleghany County; I.D. No. R-4060; Project No. 34605.2.R1:

US 21 (Sparta Western Loop) from SR 1172 (Grandview Drive) to US 21

Wilkes County; I.D. No. B-4676; Project No. 33831.2.FD1:

Bridge No. 29 over Cub Creek on SR 1001

(Division 12)

Gaston County; I.D. No. W-5311; Project No. 46135.2.FR1:

US 321 at SR 2416 (Robinson Road) and US 321 just North of SR 2416

Gaston County; I.D. No. U-3633; Project No. 37649.2.R2:

NC 273 (South Main Street) from Tuckaseege Road (at Beatty Drive) to Highland Street

(Division 14)

Cherokee County; I.D. No. W-5214O; Project No. 45344.2.FD15:

SR 1388 (Bristol Avenue) from SR 1405 to High School Drive near Andrews

Final Right of Way Plans

Right of way acquisition in accordance with the preliminary right of way plans on file in the Right of Way Unit has been determined to be necessary for public use and was authorized by the Board. Certain changes in the right of way have necessitated alteration of the preliminary right of way plans. Final plans have been prepared and provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

The rights of way for the location, design and construction of highways embraced in the following projects shall be as shown in detail on the final plans for said projects as follows:

(Division 6)**Project No. 34817.2.8; Cumberland County; I.D. No. U-2519CB:**

Grading, drainage, paving and structure on Fayetteville Outer Loop from South of SR 1400 (Cliffdale Rd) to East of SR 1007 (All American Freeway) with the right of way indicated upon the final plans for said project.

Project No. 42258.2.1; Bladen County; I.D. No. B-5117:

Grading, drainage, paving and structure on Bridge No. 47 over Lake Creek on NC 210 with the right of way indicated upon the final plans for said project.

Revisions of the Final Right of Way Plans

Right of way acquisition in accordance with the final right of way plans for the following projects has been determined to be necessary and authorized by the Board. Plans are on file at the Office of the Secretary to the Board of Transportation as an addendum to the minutes of the meetings hereinafter indicated.

Certain changes in right of way, construction and drainage easements, and control of access have been necessitated by alterations in the construction plans of these projects. Amended plan sheets for these projects have been prepared which provide for changes of certain right of way areas, construction and drainage easements and control of access.

The Board finds that the revised areas of right of way, construction and drainage easements and control of access, as shown on the amended plan sheets hereinafter set out, are for a public purpose and are necessary for the construction of projects.

The right of way, construction and drainage easements and control of access are hereby revised as shown on the plan sheets incorporated herein as an addendum, said projects, date of original final approval, and revised right of way, easements and access being as follows:

(Division 4)**Project No. 34927.2.2; I.D. No. U-3331; Nash County:**

Final Right of Way plans approved on the minutes of the July 10, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 and 6 as presented at the September 4, 2014 Board of Transportation Meeting.

(Division 5)**Project No. 34406.2.3; I.D. No. R-2241A; Person County:**

Final Right of Way plans approved on the minutes of the May 2, 2013 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 and 5 as presented at the September 4, 2014 Board of Transportation Meeting.

(Division 6)**Project No. 36492.2.1; I.D. No. U-4444AB; Cumberland County:**

Final Right of Way plans approved on the minutes of the November 8, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 7 as presented at the September 4, 2014 Board of Transportation Meeting.

Revisions of the Final Right of Way Plans (cont'd)

(Division 7)

Project No. 34802.2.5; I.D. No. U-2412B; Guilford County:

Final Right of Way plans approved on the minutes of the September 6, 2012 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 21 as presented at the September 4, 2014 Board of Transportation Meeting.

(Division 10)

Project No. 40097.2.1; I.D. No. B-4973; Cabarrus County:

Final Right of Way plans approved on the minutes of the January 9, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 as presented at the September 4, 2014 Board of Transportation Meeting.

Project No. 34811.2.3; I.D. No. U-2507A; Mecklenburg County:

Final Right of Way plans approved on the minutes of the January 9, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 1-B, 13 and 14 as presented at the September 4, 2014 Board of Transportation Meeting.

(Division 13)

Project No. 40095.2.1; I.D. No. B-4983; Burke County:

Final Right of Way plans approved on the minutes of the July 10, 2014 Board of Transportation Meeting. Revised additional right of way, easements or control of access shown on plan sheet(s) 4 as presented at the September 4, 2014 Board of Transportation Meeting.

Approval of conveyance of Highway Right of Way Residues

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 7)

Project 43219.2.STR01P5204, Parcel P-5204 014, Piedmont Corridor – SR 2819 to North of SR 2476

Guilford County

Conveyance of an approximate 0.231-acre residue area to North Carolina Railroad Company as part settlement, for no consideration.

CONVEYANCE ROW RESIDUE

1 PROJECT(S)

\$0.00

Approval of conveyance of Surplus Highway Right of Way

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 8)

**Project 34431.2.1, Parcel 044, US 421-NC 87 (Sanford Bypass) from West of SR 1400 (Cumnock Road) NC 87 Near SR 1138 (Harvey Faulk Extension)
Lee County**

Conveyance of an approximate 0.516-acre surplus right of way area to Wesara Associates, LLC for no consideration.

(Division 13)

**Project 8.19030, Parcel 052, I-240 near North Ann Street in Asheville
Buncombe County**

Conveyance of an approximate 0.064-acre surplus right of way area to HP Asheville LLC for no consideration.

Advance Acquisition of Highway Right of Way

Upon recommendation of the Manager of the Right of Way Unit, the Board has been requested to authorize the acquisition of the following properties through negotiation or condemnation for purposes of highway construction in order to prevent undue hardship on property owners or to protect the right of way corridor from development prior to regular project approval. The Board finds such acquisitions to be necessary, and hereby authorizes the Right of Way Branch to acquire said properties either by negotiation or by condemnation through the Office of the Attorney General.

Division 3

**Property of IBIS Land Management, LLC
I.D. No. R-3300, Parcel #926,
WBS 40237.2.1, F. A. Project N/A
County of New Hanover**

ADVANCE ACQUISITION OF RIGHT OF WAY 1 PROJECT(S) \$0.00

R-ITEM SUMMARY 24 PROJECT(S) TOTAL: \$0.00

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2014 - 2015**

At the time of preparation of this agenda item the General Assembly had ratified Senate Bill 744. Accordingly, it is recommended that Maintenance, General Maintenance Reserve, Bridge Program, Pavement Preservation, and Contract Resurfacing allocations be made in accordance with the Session Law 2014-100 base budget as shown below:

	<u>TOTAL ALLOCATION</u>
<u>SCHEDULE I – PRIMARY SYSTEM</u>	
Road and Bridge Maintenance	84,713,560
State and Federal Obligation	13,097,500
Asset Maintenance and Operation	11,859,000
Research and Development	675,000
Emergency	30,500,000
SUBTOTAL	\$140,845,060
<u>SCHEDULE II – SECONDARY SYSTEM</u>	
Road and Bridge Maintenance	233,222,435
State and Federal Obligation	2,282,500
Asset Maintenance and Operation	5,918,000
Research and Development	450,000
Emergency	21,000,000
SUBTOTAL	\$262,872,935
<u>SCHEDULE III – GENERAL MAINTENANCE RESERVE</u>	
Road and Bridge Maintenance	40,560,850
Emergency	5,000,000
SUBTOTAL	\$45,560,850
<u>SCHEDULE IV – BRIDGE PROGRAM</u>	\$153,008,350
<u>SCHEDULE V – PAVEMENT PRESERVATION</u>	\$65,045,024
<u>SCHEDULE VI – CONTRACT RESURFACING</u>	\$408,173,088
GRAND TOTAL	\$1,075,505,307

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2014 - 2015**

Allocation Formulas are needs based and take into account items which are assessed by condition, as well as items that are addressed on a cyclical basis.

SCHEDULES I and II – PRIMARY AND SECONDARY SYSTEMS

ROAD MAINTENANCE

Primary and Secondary Road and Bridge Maintenance Formulas reconcile Division assessed and non-assessed needs with the Statewide assessed and non-assessed needs and include funding for **Division Administration and Statewide Administration and Emergencies**. These funds, listed under the Primary and Secondary Systems, are used for the purposes of continuing routine maintenance activities, including pavement patching, pavement markings, markers, signs, symbols, roadside vegetation management, drainage, unpaved shoulders, litter pickup, and other similar maintenance activities. Bridge related activities include, but are not limited to, repairing concrete bridge decks, girder painting, emergency bridge repair or replacement, replacing electrical components, foundation repair, installation of support bents, and flooring and rail repair. Replacing small critical bridges and pipes, and maintaining navigational lighting systems on high level bridges located over navigational waterways are also eligible activities. These expenditures will include both contract and force account maintenance.

Division Administration is a direct allocation to the Divisions for the estimated cost of the following:

- Traffic System Operations (Signal Maintenance)
- Incident Management
- Electricity for Traffic Control Devices
- Maintenance of Roadway and Interchange Lighting
- Rest Areas and Welcome Centers
- Specialized Landscaping
- Maintenance and Repair of Guardrail
- River Ferries

Statewide Administration and Emergencies is comprised of **State and Federal Obligations, Asset Maintenance and Operations, Research and Development, and Emergencies**.

State and Federal Obligations are funds required either by state or federal laws, regulations or rules. An example of such obligation is Inmate Labor which is a reimbursement to the Division of Prisons for the daily furnishing of inmates to the Department of Transportation for highway purposes.

Asset Maintenance and Operations are funds used to assess and address statewide program needs. Examples include funding the condition assessment program, inspection of Non-NBIS bridges, sign structures, and high mast lighting, and maintenance repairs to assets such as traffic signals and renovating rest areas.

Research and Development are funds used to research, develop, and implement state of the art maintenance technologies, practices and procedures. Objectives of these programs include improving maintenance efficiencies and improving cost effectiveness.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2014 - 2015**

Emergencies are funds used to cover unanticipated expenditures for emergency operations as well as addressing winter weather snow and ice removal.

SCHEDULE III – GENERAL MAINTENANCE RESERVE

General Maintenance Reserve Formula reconciles Division assessed needs and non-assessed needs with the Statewide assessed and non-assessed needs. Beginning in 1999, the General Assembly has provided additional maintenance dollars to help address maintenance needs identified by the Department's Maintenance Condition Assessment Program. The staff recommends, of the total \$45,560,850 available, that \$4,000,000 be allocated to the Primary system and \$1,000,000 to the Secondary system to assist with non-declared Emergency funding requests.

Further detail regarding recommended allocations of these funds is addressed in Table 1 below.

Table 1 – SCHEDULES I, II, and III

Division	Schedule I	Schedule II	Schedule III
	Primary Road and Bridge Maintenance	Secondary Road and Bridge Maintenance	General Maintenance Reserve
1	5,320,298	10,709,377	2,780,295
2	3,757,135	16,348,102	2,797,777
3	5,195,900	15,045,429	2,983,842
4	7,152,400	12,821,612	2,864,932
5	8,866,417	17,630,142	2,893,379
6	4,889,480	16,722,329	2,762,837
7	7,085,847	20,365,470	2,976,446
8	4,105,638	18,025,172	3,126,034
9	5,937,207	16,754,280	2,750,859
10	8,605,913	22,087,134	3,193,215
11	3,458,616	18,608,154	2,555,537
12	7,620,246	18,111,460	3,149,599
13	6,780,400	15,366,571	3,022,423
14	5,938,063	14,627,203	2,703,675
Subtotal	\$84,713,560	\$233,222,435	\$40,560,850
State and Federal Obligation	13,097,500	2,282,500	-
Asset Maintenance & Operations	11,859,000	5,918,000	-
Research and Development	675,000	450,000	-
Emergencies	30,500,000	21,000,000	5,000,000
Subtotal	\$56,131,500	\$29,650,500	\$5,000,000
Grand Total	\$140,845,060	\$262,872,935	\$45,560,850

* Allocations are capped at maximum 45% delta from previous Distribution Formulas

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2014 - 2015**

SCHEDULE IV – BRIDGE PROGRAM

Bridge Program Formula reconciles Division bridge preservation assessed needs with State bridge preservation assessed needs. The purpose of this fund for Fiscal Years 2014 and 2015, based on Senate Bill 744, is to provide bridge improvements on structurally deficient and functionally obsolete bridges. Of the total 153,008,350 available, it is recommended that \$5,000,000 be allocated to fund ongoing Preliminary Engineering activities on over 100 bridge projects that are changing from Federal Funds to State Funds and \$7,000,000 be allocated for Preliminary Engineering activities on over 120 bridge projects. Preliminary Engineering activities will include such things as Photogrammetry, Data Collection, and Preliminary Design for all projects.

SCHEDULE V – PAVEMENT PRESERVATION

Pavement Preservation Formula reconciles Division pavement preservation assessed needs with State pavement preservation assessed needs. Beginning in FY 2015, the General Assembly has provided funds to address preservation activities or treatments for asphalt pavement structures. Eligible activities include the following: chip seals, slurry seals, fog seals, sand seals, scrub seals, and cape seals. Microsurfacing, profile milling not covered by resurfacing, asphalt rejuvenators, and open graded asphalt friction course is also eligible. Additional preservation activities include overlays less than 1,000 feet in length, diamond grinding, joint sealing, dowel bar retrofit, and partial or full depth repairs and reclamations. Ultra-thin whitetopping and thin lift overlays, and sand asphalt overlays are also eligible pavement preservation activities.

SCHEDULE VI – CONTRACT RESURFACING

Contract Resurfacing Formula reconciles Division assessed needs with the Statewide assessed needs. Based on Senate Bill 744, a total of \$408,173,088 is provided for Contract Resurfacing to the Divisions and Counties. The staff recommends continuing to cash flow \$78,000,000 equally in each of the 14 Highway Divisions and is included in the allocation numbers. These activities will include placement of plant mixed asphalt, surface treatment seals, and recycling existing pavement. They will also include surface preparation, shoulder reconstruction, and traffic lane markings, performed by State Forces and by Contract. In accordance with current legislation, up to 15% of the funds may be used for widening existing narrow pavements. It is also recommended that \$2,100,000 of the total funds available be allocated for the purpose of Pavement Condition Assessments on the Secondary system and \$525,000 of the total funds available be allocated for the purpose of Automated Assessments on the Primary system.

Further detail regarding recommended allocations of these funds is addressed in Table 2 on Page 5.

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2014 - 2015**

Table 2 – SCHEDULES III, IV, AND V

Division	Schedule IV	Schedule V	Schedule VI
	Bridge Program	Pavement Preservation	Contract Resurfacing
1	10,136,962	3,577,131	27,933,559
2	3,456,165	4,216,934	32,810,032
3	11,960,264	4,289,918	34,854,960
4	9,212,249	5,021,368	34,190,503
5	8,103,756	4,688,667	39,646,022
6	11,601,705	3,645,810	30,366,197
7	14,431,367	3,961,735	25,081,793
8	9,121,078	6,122,605	27,676,246
9	12,067,876	6,012,394	21,490,042
10	9,030,440	4,647,125	29,908,750
11	8,123,047	6,884,846	21,241,559
12	5,020,863	4,346,111	27,927,096
13	10,016,030	2,820,012	26,032,556
14	18,726,548	4,810,368	26,388,773
Statewide	12,000,000	-	2,625,000
Grand Total	\$153,008,350	\$65,045,024	\$408,173,088

* Allocations are capped at maximum 45% delta from previous Distribution Formulas

ITEM T-1

There are no Comprehensive Transportation Plans to be presented for approval at the September 4, 2014 Board of Transportation Meeting.